

Appendix - II
Suppl-dt

**The Tamil Nadu
Dr. M.G.R. Medical University
Chennai**



Regulations & Syllabus for the
M.Sc. Postgraduate
Degree in Nursing

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**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY,
CHENNAI.**

**M.Sc., POST GRADUATE DEGREE IN NURSING
REGULATIONS OF THE UNIVERSITY**

In exercise of the powers conferred by Sec. 44 of the Tamil Nadu Dr. M.G.R. Medical University, Chennai, Act, 1987 (Tamil Nadu Act 37 of 1987), the standing Academic Board of the Tamil Nadu Dr. M.G.R. Medical University, hereby makes the following regulations:-

SHORT TITLE AND COMMENCEMENT:

These regulations shall be called "THE REGULATIONS FOR THE M.Sc., POST GRADUATE DEGREE IN NURSING OF THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY, Chennai".

They shall come into force from the academic year 1996-97 session onwards.

The regulations framed is subject to modifications from time to time by the Standing Academic Board.

REGULATIONS

1. Overall Objectives:

The candidate is prepared to function in a leadership position in a selected areas of Clinical Speciality, Nursing Education, Nursing Administration and in Nursing Research and carry out independent research studies.

2. Eligibility for Admission :

The candidate should have

a) Passed the qualification of B.Sc., Nursing Degree of this University or any other university accepted as equivalent there to.

b) Should have registered with the state registration council of Nursing and midwifery

c) B.Sc., Nursing graduates should have two years of experience in Teaching hospital or in a College or in a School of Nursing or in Community Health Programme after graduation.

d) The B.Sc., Trained Nurses need not have two years of experience after graduation for admission to the M.Sc., Nursing Programme. They can be admitted to M.Sc., Nursing soon after the graduation in any branch of study.

e) In case of male candidates they should have passed any other course recommended by the Indian Nursing Council in place of Midwifery. These male candidates are not eligible for admission to Branch III and VI irrespective of their experiences in these areas.

f) In case of candidates applying for Branch VI (Maternal and Child Health Nursing) should have experience either in Maternity Nursing or in Child Health Nursing.

g) Every candidate before admission to this programme shall submit to the Principal of the Institution a certificate of Medical fitness from an authorised Medical Officer that the candidate is physically fit to undergo the Academic programme.

h) Candidate before seeking admission to any one of the affiliated nursing institutions shall obtain an eligibility certificate from the University by remitting the prescribed fees along with the application form.

3. Medium of Instruction

English shall be the medium of instruction for all the subjects of study and for examinations of the M.Sc., Post Graduate degree nursing programme.

4. Registration

A candidate admitted to this programme in any of the affiliated nursing colleges shall register with this University by remitting the prescribed fees along with the application form for registration duly filled in and forwarded to this University through the head of the Institution within the stipulated date.

5. Duration of the programme (course) (non semester)

The duration of certified study for the M.Sc. Nursing programme shall extend over a period of two academic years.

6. Commencement of the programme (course)

This programme will commence from 1st April of the academic year.

8. Cut off dates for admission to the examination

a) The candidates admitted from 1st April to 30th June of the academic year will be registered to take up their first year M.Sc., Nursing examination, after fulfilment of the regulations in March of the Academic year.

b) The candidates admitted from 1st July to 31st December of the academic year will be registered to take up their 1st year M.Sc., Nursing examination, after fulfilment of the regulations in September of the ensuing year.

c) The candidate who have joined on or after 1st January to 31st March of the academic year will be registered for the academic year of admission but they have to undergo the programme and take up their 1st year examination along with the subsequent year batch of students.

9. Working days in the academic year

Each academic year shall consist of not less than 200 working days.

10. Revaluation of Answer Papers.

There shall be no revaluation of the answer papers.

11. Attendance

The candidate should have 80% of attendance in theory and practicals separately and should have completed all the requirements prescribed for each programme of study including clinical practice before admission to examinations.

a) No candidate shall be permitted to any one of the parts of M.Sc. Degree programme in Nursing unless he/she has attended the programme in the subject for the prescribed period in an affiliated institution recognised by this University and produces the necessary certificate of study, attendance and progress from the Head of the Institution.

b) A candidate lacking in the prescribed attendance and progress in any one subject in theory or practical in the first appearance shall not be permitted for appearing the University examination in that subject.

12. Condonation of lack of attendance

There shall be no condonation of lack of attendance to Post graduate programme.

13. Curriculum

The curriculum and the syllabi for the programme shall be as prescribed by the Standing Academic Board from time to time.

14. Scheme of examinations

Theory and practical examinations shall be conducted as Part I and Part II at the end of first year and IInd year respectively in the subjects as per syllabus. If the candidate fails, he/she will be allowed to appear in supplementary examinations (September or in March) either in failed subjects or along with other subjects in subsequent examination.

15. Submission of dissertation

The candidate shall submit a dissertation in the field of speciality, two months before the final examination for valuing and certification. During the programme of study the candidate is required to write a dissertation in his/her speciality.

16. Evaluation of dissertation

The dissertation shall be valued by

- a) Professor of Nursing Research common to all the Branches of Speciality.
- b) Professor in Clinical speciality.
- c) An external examiner with Nursing Research experience who will be common to all.

The number of pages of dissertation should not exceed 60 pages.

The viva voce should be arranged 2 weeks prior to the University examination.

17. Resubmission of thesis

Resubmission of thesis with corrections can be submitted within 6 months from the date of return from the University. Resubmission of thesis with total re-doing can be done within 2 years.

18. Internal Assessment

a) There shall be an internal assessment in all the subject, and marks for each subject will be according the weightage given to each subject.

b) The college examinations along with marks of all evaluation will form the final grade for the Internal Assessment for the subjects. These marks should be submitted to the University two weeks before commencement to the University Examinations.

c) Any Candidate who fails in the internal assessment should be given an opportunity to improve the internal assessment.

19. Modalities for award of class

The candidate who obtains the highest marks in aggregate in first attempt should be awarded first rank.

The candidate who obtains

- a) - 75% (Seventy five percent) in aggregate is considered to have passed in First Class with distinction.
- b) - 60% (Sixty percent) in aggregate is considered to have passed in First Class.
- c) - 50% (Fifty percent) is considered to have passed
- d) - Below 50% (Fifty percent) is considered to have failed.

20. Eligibility for award of the degree.

The candidate will be awarded the degree of Master of Science in Nursing when a candidate has put in the prescribed programme of study for two years and successfully completed all programme requirements including the submission of dissertation.

21. Branches of study

The following shall be the Branches of Study for M.Sc. Degree in Nursing.

- | | | |
|--------|-----|---|
| Branch | I | - Medical Surgical Nursing |
| Branch | II | - Child Health Nursing |
| Branch | III | - Maternity Nursing |
| Branch | IV | - Community Health Nursing |
| Branch | V | - Mental Health Nursing (Psychiatric Nursing) |
| Branch | VI | - Maternal and Child Health Nursing. |

22. Vacation

The Heads of institutions shall declare 6 (Six) weeks vacation in an academic year to the students. The period of vacation can be decided by the Head of the institution.

23. Marks qualifying for a pass

A candidate shall be declared to have passed the examination in Nursing subject if he/she secures 45% of the marks in the University written examination 45% of the marks in the University practical examination and not less than 50% of marks in the aggregate of the Internal Assessment and University written, Practical and oral examinations together.

M.Sc. NURSING - PLACEMENT OF SUBJECTS, NUMBER OF TEACHING AND PRACTICAL HOURS AND EXAMINATION SCHEME.

LYEAR : PART I

Sl.No.	SUBJECTS	TEACHING		Internal Assessment		University Exams		TOTAL	REMARKS
		No. of Hours		Theory	Practical	Duration	Theory		
1.	Advanced Clinical Nursing including Social Psychology and Epidemiology	150	250	50	25	3 Hrs.	75	Practical - 30 Oral - 10 Log - 10 <u>50</u>	200
2.	Education including Nursing Education	200	100	25	25	3 Hrs.	100	50 Practice Teaching	200
3.	Biostatistics, Research methods including Nursing Research (Proposal Presentation)	100	150	50	..	3 Hrs.	100		150
4.	Genetics and Embryology	40	..	50					50
5.	Introduction to Clinical Speciality	60	50						
Total		550	550	175	50	..	275	100	600

II YEAR - PART - II

Sl.No.	SUBJECTS	TEACHING No. of Hours		Internal Assessment		University Exams		TOTAL REMARKS
		Theory	Practical	Theory	Practical	Duration	Theory Practical	
1.	Clinical Speciality	140	500	50	25	3 Hrs, 75	Practical - 30 Oral - 10 Log - 10 <u>50</u>	200
2.	Management in Nursing Education and Practice including teaching methods, professional Trends and Issues.	200	100	50	--	3 Hrs. 100		150
3.	Dissertation and Orals	50	150	50	..	3 Hrs. 100	(75 + Oral 25)	150
		390	750	150	25	275	50	500

SYLLABUS**ADVANCED CLINICAL NURSING INCLUDING SOCIAL
PSYCHOLOGY AND EPIDEMIOLOGY**

Placement: 1 Year	Time allotted :
	Theory : 100 Hours
	Practical : 200 Hours

Overall Objective:

The student is able to apply nursing process, theories and concepts for behavioural and biological sciences and principles of epidemiology in providing wholistic nursing care to the individuals, families, and community in health and illness.

Specific Objectives:

At the end of the course, the student is able to:

1. Describe the various components of Nursing Process.
2. Apply the nursing process independently and collaboratively for delivery of qualitative continuous and wholistic nursing care to individuals, families and community in health and illness.
3. Analyse critically the concepts of Nursing and Modern approaches to Nursing care.
4. Develop leadership qualities by utilising various concepts and theories.
5. Carryout the following extended role functions:
 - a. Health histories.
 - b. Physical assessment and basic Psycho social assessment.

6. Discriminating between normal and abnormal findings.
7. Diagnosing minor physical illness.
8. Initiating treatment of minor illness within protocol developed in collaboration with medical personnel.

Unit - I : REVIEW OF NURSING PROCESS AND APPLICATION IN VARIOUS CLINICAL SETTINGS

Nursing history and assessment, Diagnosis, Planning, Implementation, and Evaluation.

Application of Nursing process in various clinical settings- Medical, Surgical, Child Health, Maternity, Community Health and Mental Health Nursing.

Unit -II : HEALTH CARE DELIVERY SYSTEM

Health care delivery system in India, Health for all by 2000 AD, National Policies, Health Committees and Five year Plans.

Health care delivery system in other countries.

Unit - III : CURRENT CONCEPTS OF HEALTH, ILLNESS AND NURSING

Concepts: Health and illness, wholistic care, Primary Health Care, Rehabilitation Theory Research, Health Care Compliance, Sickrole behaviour, Health beliefs and behaviours, Non traditional views of health and illness, perception, experiences particularism and Holism, Uniqueness and generalization, Genderless or non-sexist Theories.

Unit - IV : TRENDS AND DEVELOPMENT OF NURSING

Review of history -ancient period, middle ages Modern era, current trends in Nursing.

Unit - V : NURSING PHILOSOPHY AND CHANGING ROLE

Apprenticeship to Independent practice.

Unit - VI : THEORIES OF NURSING AND APPROACH TO PATIENT CARE

Theories related to Humanistic Nursing, inter Personal-relationship, systems, energy fields and analysis of nursing theories - patient care. Implementing Theory into Practice, Conceptual Models.

- Development of Theories
- New approaches to Theory development.

Unit - VII : PSYCHOSOCIAL ASPECTS IN NURSING

Socio economic and cultural factors related to nursing, intergrating the knowledge of behavioural sciences in nursing - Health behaviour model, Phenomenologic approach, perceptual world of the nurse and patient, Maturational process and crisis Intervention, Psychological issues in Nursing, stress and anxiety, sensory deprivation and communication.

Unit -VIII : APPLICATION OF EPIDEMIOLOGY IN NURSING

Concepts of causation, epidemiological approach, epidemiological interpretation of measures of morbidity and mortality, importance of epidemiology in clinical practice.

Unit - IX : REGULATORY MECHANISMS OF NURSING

Legalisation Quality care, Nursing adult Accountability and evaluation of care.

Unit - X : PATHOPHYSIOLOGICAL ASPECTS OF ILLNESS AND COMMON NURSING PROBLEMS.

Infection Control

Oxygen insufficiency

Fluid and electrolyte imbalance

Nutritional Problems

Hemorrhage and shock

Altered body temperature, Unconsciousness sleep

Pattern disturbances, pain, sensory deprivation

Pre and Post Operative care.

Rehabilitation, Cardio pulmonary Resuscitatio

Death and Dying, Grief and Grieving process

Unit - XI : HEALTH ASSESSMENT AND EXTENDED ROLE OF THE NURSE

- Taking and recording of health histories
- Performance of basic physical and psychosocial assessment
- Identification of abnormalities, Diagnosis and treatment of minor illness.

Unit - XII : CURRENT ISSUES IN NURSING

Status image in Nursing

Research and nursing profession, Autonomy independent practice, Ethical issues, Power and Politics in Nursing, Future of Nursing.

SUGGESTED PRACTICALS AND OBSERVATIONS

Nursing care of selected patients in different clinical areas maintaining clinical practice record and presentation of four clinical projects. Physical examinations diagnosis and treatment of Minor illnesses.

OBSERVATIONAL VISITS

Social Welfare programmes, Juvenile courts, child development projects, District Head Quarters of Health, Community Health and Development projects.

METHODS OF TEACHING

Lecture, discussion, seminars, individual and group projects clinical presentations, observational visits.

METHODS OF EVALUATION**INTERNAL ASSESSMENT**

Seminars, projects, field visits reports, clinical practice, record written, practical and oral tests during the semester.

EXTERNAL ASSESSMENT

Written and practical examination - evaluated by internal and external examiners.

Multiple choice question 50%

Essay type 50%

References:

1. Barry, Patricia, D. Psychosocial Nursing, Assessment and Interventions J.B. Lippincott company, Philadelphia 1984.
2. Bond, John and Bond, Senga, Sociology and Health care, An introduction for nurses and other Health Care professionals. Churchill Livinstone, Newyork, 1986.
3. Brunner, Suddarth, Text book of Medical-Surgical Nursing Ed. 6. J.B. Lippincott Company, Philadelphia, 1988.

4. Carrieri, Virginia Hetal, Pathophysiological phenomena in Nursing, Human reponses to illness, W.B. Saunders Company, Philadelphia, 1986.
5. Kintzel, Kay Corman, Advanced concepts in clinical nursing, Lipincott Company, Philadelphia, 1971.
6. Malasanos Louis etal, Health assessment Ed. 3 CV. Mosby Company, St. Louis, 1986.
7. Potter Patricia, A Pocket Nurse Guide to Physical assessment, CV Mosby Company, St. Louis, 1986.
8. Price, Sylvia, Anderson and Wilson, Lorraine, Mc Carty, Pathophysiology-clinical concepts of disease processes Ed. 3 Mc Graw Hill Book company, New York, 1986.
9. Smith and Duell, Clinical Nursing Skills, National Nursing review, Los Angels 1985.
10. Weiss, Noel, S. clinical epidemiology, Oxford University Press, New york, 1986.
11. Moccia, Patricia, New approach to a Theory Development, NLN, 1986 New York, USA.
12. George B. Julia, Nursing Theories, Prentice Hall Inc., Englewood Cliffs, New Jersey, 1985.
13. Bates Barbara, A Guide to Physical Examination, 3rd Ed., J.B. Lippincott Company, Philadelphia, 1983.
14. Luckman, and Sorensen, Medical-Surgical Nursing, 3rd Edition, 1987, W.B. Saunders Company, USA.

EDUCATION INCLUDING NURSING EDUCATION

Placement: First Year

Time allotted

Theory : 200 Hrs.

Practical : 100 Hrs.

Overall Objective:

The graduate nursing student after completing the course assumes teaching and leadership positions in Nursing educational programmes.

Behavioural Objectives:

The student is able to:

1. Describe the development of educational aims from early civilization to modern times.
2. Compare and contrast the beliefs of traditional and modern philosophies of education.
3. Define the major educational theories and illustrate their application in curriculum development and instruction.
4. Describe the history of education in India from Pre-British to the present giving the current issued and trends.
5. Describe and explain concepts and principles of curriculum development, instruction, learning and evaluation.
6. Describe and explain principles of counselling and guidance and the responsibility of the school for providing suitable environment for learning.
7. Design a curriculum for a basic nursing programme.
8. Locate and use library and other resources in planning.

EDUCATION INCLUDING NURSING EDUCATION

Unit I : Aims, Philosophy and trends and issues in education.

- Educational aims
- Agencies of education.
- Formal and informal education.
- Major philosophies of education (naturalism, idealism, pragmatism, realism) including Gandhi and Tagore.
- Modern and Contemporary philosophies of education (existentialism, progressivism, reconstructionism, perennialism).

Philosophies of education in India - past, present and future.

Role of Educational philosophy.

Current issues and trends in education.

Unit II : Concepts of teaching and learning.

- Theories of Teaching.
- Relationship between Teaching and Learning.
- Psychology of Education.
- Dynamics of behaviour, motivational process, of learning, perception, individual differences, intelligence, personality.

Unit III : Curriculum

- Curriculum Committee
- Development of Nursing curriculum.

- Types of curriculum.
- Formation of philosophy, objectives, course objectives
- Placing, course placement, time allotment.
- Selection and organization of learning experience.
- Master plans of courses
- Master Rotation plan - Individual Rotation plan
- Correlation of Theory and Practice.
- Hospital and community areas for clinical instruction.
- Clinical assignments.
- Currents trends and curriculum planning.

Unit IV : Principles and Methods of Teaching.

- Strategies of teaching.
- Planning of teaching.
- Organization, writing lesson plans.
- A V aids.
- Teaching methods - socialized teaching methods.

Unit V : Measurement and Evaluation.

Nature of measurement of education, meaning, process, personnel, standardized, non standardized tests

Steps of constructing a test, measurement of cognitive domain, assessment techniques of effective, psychomotor domains, administering scanning and reporting.

- Standardized tools, important tests of intelligence, aptitude, instrument, personality, achievement and socioeconomic status scale
- Programme evaluation.
- Cumulative evaluation.

Unit VI : Guidance and Counselling

- Philosophy, principles and concepts, guidance and counselling services of students and faculty.

Unit VII : Continuing Education Programmes

- Faculty development and development of Nursing Services personnel.

Practicals.

1. Prepare a philosophy, overall and behavioural objectives for a basic programme in Nursing.
2. Design a curriculum for a Basic B.Sc. Nursing Programme.
3. Plan a unit of instruction for a course in Nursing in the selected speciality.
4. Prepare a lesson plans and conduct classes.
5. Construct a written objective type test for the lessons you have taken.
6. Prepare a plan for evaluation of the students in the B.Sc. Programme.
7. Follow students.
8. Internal assessment test in all the topics.

Methods of teaching:

- Lecture
- Seminars- discussion

Methods of Evaluation

- Project Evaluation
- Classroom teaching
- Written test

NURSING EDUCATION

BIBLIOGRAPHY

Books:

1. Guinee, Kathleen, K. Aims and methods of Nursing Education Macmillan Company, New York, 1966.
2. HARNER, Ruth Lehman, Betsy: Nursing Education in India: Its relevance in provision of primary health care. Wiley Eastern Limited, New York, 1987.
3. MATHUR, V.S: Education and the future of India, Indian publication. Ambala Cantt, India 1981.
4. N.L.N.: Faculty-Curriculum Development: Curriculum design by Nursing faculty. National League for Nursing, New York, 1986.
5. Safaya, RN: New Thoughts on Education The Indian publication, Ambala Cantt. 1978.
6. W.H.O. Guide for schools of Nursing in India, World Health Organization, Regional Office for South-East Asia, New Delhi, 1965.
7. INC Syllabus.

**BIostatistics, RESEARCH METHODS INCLUDING
Nursing RESEARCH**

Placement: I Year

Time Allotted :

Theory : 100 Hrs.

Practical : 150 Hrs.

Overall Objective

The student is able to apply the basic concepts of statistics and principles of scientific enquiry in planning and evaluating the results of nursing practice and participate in and/or conduct descriptive exploratory and survey studies in nursing and evaluate and apply the results of research studies in health, nursing medicine and related fields in the practice of nursing. (The Dissertation be submitted 4 months before final examination).

Behavioural Objectives:

The student is able to

1. Design a study identifying a population and methods of selection of the sample required
2. Present data in appropriate tables, graphs and diagrams.
3. Calculate averages, variation, linear correlation and regression.
4. Calculate confidence intervals and simple tests of significance using normal t and χ^2 distributions.
5. Compute commonly used vital and health statistical and estimate population using Arithmetic progression methods.
6. Construct instruments for eliciting data through questioning observation and measurement methods and techniques.
7. Quantity, analyse describe and interpret data

8. Critique Nursing studies.
9. Select and write a clear statement of a research able problem.
10. Search and analyse the literature for facts and theory relating to the problem.
11. Identify and state relevant assumptions and hypotheses.
12. Design a study identifying a population and methods of selection of the sample required.
13. Make recommendations based on the findings for application to nursing and further research.
14. Prepare and write a scientific report of the study.

CONTENT

Unit I : Introduction:

- Uses of statistical methods in nursing
- Measurement, measurement scales variables and their measurement.
- Symbolizing data and operations.

Unit II : Statistical Data

- Tabulation
- Calculation of central tendency dispersion
- Liner regression and correlation
- Presentation of data in diagrama t and graphic form.

Unit III : Probability & Sampling:

- Probability as a mathematical system.

- Population and samples.

- Sampling distribution

- Sampling methods

- Surveys in research

Unit IV : Vital and Health Statistics:

- Point and interval Estimation for proportion mean.

- Hypothesis testing; simple tests of significance.

- Inferential techniques: Normal, t , x^2

Unit V : Vital and Health Statistics:

- Use of vital and Health Statistic in the practice of nursing.

- Sources and methods of collection and recording.

- Computation of commonly used vital and health statistics and estimate population using Arithmetic progression method.

Unit VI : Research Process Methods:

- Overviews; science and scientific methods.

- Steps in the research process

- Selection and statement of problems

- Formulation of Hypothesis

- Basis principles and methods of research designs.

Unit VII : Data collection method-scales and techniques of psychology measures.

- Reliability, validity and criteria for assessing and measuring the tools.
- Analysis and Interpretation of Research data.
- Role of computers
- Pilot study.

Unit VIII : Introduction:

- History of nursing research
 - before - 1990
 - 1990 - 1950
 - 1950 - present

Unit IX : Critique of Nursing Studies:

- Historical
- Instruments and tools
- Nursing education
- Administration
- Nursing practice

Unit X : Practical application of the Research process:

- Selection and statement of problem and hypothesis
- Review of literature
- Selection of research approach

- Selection of data gathering and developing the data gathering instruments.
- Developing the data analysis plan
- Selection of samples
- Identifying the assumptions and limitations of the study.
- Designing the data gathering plan
- Pilot study.

Unit XI : conducting the study:

- Implementing the data gathering plan
- Implementing the data - analysis plan.

Unit XII : Preparing the Research report.

- Mechanics or writing the report
- Documentation
- The details of the study
- Arrangement of report.

Suggested Practicals:

- Each student will select and present a critique of a nursing study.
- Survey and assessment of selected studies in nursing with particular reference to the research process.
- Presentation of individually selected problems at each step of the research process for evaluation and discussion.

Methods of Teaching:

Lecture and discussion

Seminars & Practicals

Methods of Evaluation:

Written tests & Dissertation (in 2nd Year)

References:

1. Brink J. Pamela & Marilyn J. Wood Basic Steps in Planning Nursing, Nursing Research, from Question to proposal 2nd Edition 1983 Wadsworth Health Sciences Division Monterey, California, USA.
2. Daniel W.W. Biostatistics; A foundation for Analysis in the Health Sciences, Third Edition, John Wiley & sons N.Y. 1983.
3. Hill A.B. A short Text Book of medical statistics, 10th Edition The English Language Book Society and Hodder and Stoughton, London, 1977.
4. Polit, D.F. and Hungler, B.P. Essentials of Nursing Research Methods and Applications, J.b. Lippincott Company, Philadelphia, N.Y. 1985.
5. Sundar Rao, P.S.S. Jesudian, G. and Richard, J: An Introduction to Biostatistics, 2nd Edition (Reprint) 1989, Christian Medical College, Vellore.

GENETICS & EMBRYOLOGY

Placement: 1 year

Time allotted :

Theory : 40 Hrs.

Overall Objective:

The student acquires knowledge in relation to genetics and development of the human body which is basis for understanding of gross anatomy and explanation of many of the congenital anomalies so as to enable her to use this knowledge while taking care of people.

Specific Objectives:

The student is able to:

1. Explain nature and principles and perspectives of heredity.
2. Explain prenatal states of development, common developmental abnormalities and reasons for such defects.
3. Take care of the health of the mother and the embryo during its critical period of development.
4. Explain the developmental basis of abnormalities and physiological changes which occur during the neonatal period.
5. Provide nursing care to children who have disorders resulting from developmental abnormalities.

A. GENETICS

Content

Unit I : Introduction:

- Practical applications of genetics in nursing.
- Review of Cellular division Mitosis and meiosis.

- Chromosomes - sex determination
- Chromosomal aberrations

Unit II : Patterns of Inheritance:

- Mendelian theory of inheritance
- Multiple alleles and blood groups
- Sex linked inheritance
- Mechanism of inheritance
- Errors in transmission (mutations)

Unit III : Molecular Genetics & Protein Synthesis:

- Function of genetic material
- Site and mechanism of protein synthesis
- Inborn errors of metabolism
- The future of molecular genetics.

Unit IV : Heredity & Environment:

- Twins
- Physical traits
- Pathological conditions

Unit V : Medical genetics:

- Dermatoglyphics
- Genetic counselling

B. EMBRYOLOGY**Content****Unit I: Introduction:**

- Spermatogenesis - Oogenesis Fertilization - cleavage implantations abnormal sites of implantation.

Unit II : Development of foetus:

- Early development up to fourth week
- Development of decidua, foetal membranes, placenta and their structure, functions and abnormalities.

Twinning and abnormalities.

Development of various systems and their abnormalities.

Method of Teaching:

Lecture- discussion

- Chromosomal studies
- Observations of preserved specimens
- Study of slides and demonstrations.

Methods of Evaluation:

- Written tests
- Assignments

Bibliography on Genetics and Embryology

1. LANGMAN, Jan: Medical Embryology. William & Wilkins, Baltimore 1973.
2. MOORE, Keith L : Developing Human: Clinically oriented Embryology, Ed.2, W.B. Saunders company, Philadelphia 1977.
3. Pansky Ban, Review of Medical Embryology. Macmillan Publishing Company, New York 1982.
4. SMELL, Richard S: Clinical Embryology for medical students. Little Brown and Company, Boston 1972.

BRANCH I**CLINICAL SPECIALITY****MEDICAL SURGICAL NURSING**

Placement: I & IInd Year

Time Allotted :

Theory : 200 Hrs.

Practical : 550 Hrs.

Course Description:

The course is designed for the student to pursue an advanced course of study for developing in-depth knowledge and expertise in nursing management of medical surgical conditions. On the basis of various nursing theories & conceptual models, emphasis is placed on developing theoretical conceptual approaches in taking care of patients.

Medical surgical nursing speciality includes up-to date advances and recent trends.

Introduction to clinical speciality is Scheduled during first year, and it includes nursing care of patients with general medical surgical conditions. Course content includes nursing process pertaining to the problems of :-

- Digestive system
- Endocrine system
- Integumentary system
- Infections
- Neoplasms
- Special sense organs
- Reproductive organs

Clinical speciality is placed during second year and it includes nursing management of patients in the areas of:-

- Cardio-thoracic
- Haematology
- Vascular Medicine & Surgery
- Orthopaedics
- Neurology
- Nephrology
- Plastic & Reconstructive surgery
- Critical care
- Emergency & Disaster nursing

INTRODUCTION TO CLINICAL SPECIALITY**MEDICAL SURGICAL NURSING**

Placement: - 1 Year

Time allotted:

Theory : 60 Hrs.

Practical : 50 Hrs.

Over all objectives

On completion of this course the student develops ability to identify in depth, the current concepts related to physiological, psychosociological and pathological aspects; Medical, surgical Nursing Management of patients and applying nursing process in the following clinical areas.

1. Gastroenterology
2. Endocrinology
3. Dermatology
4. Communicable and sexually transmitted diseases
5. Oto Rhinolaryngology
6. Ophthalmology
7. Gynaecology

Specific Objectives:

In relation to each of the medical-surgical condition, the student is able to:

1. Describe the related anatomy and physiology
2. Describe the epidemiology, ecological influence, pathophysiology, clinical manifestations, medical and surgical management.

3. Explain laboratory investigation and other diagnostic studies.
4. Apply nursing process in giving wholistic care to the patients.
5. Integrate principles of rehabilitation at each stage to illness.
6. Apply new ideas in the nursing care of patient through innovation in adopting available information.
7. Apply knowledge and skills of education, management and research in the clinical settings.
8. Develop ability in maintaining standards of nursing practice and evaluation of nursing care.
9. Develop ability in teaching new concepts skills in nursing personnel.
10. Plan and organise a patient care unit or the concerned medical surgical clinical area.

CONTENT

- Unit I : Nursing process and trends pertaining to care of patients with disturbance of gastro intestinal function:
- Mouth and oesophagus - Stomatitis, glossitis, parotitis, oesophagitis, neoplasms.
 - Stomach and duodenum - gastro enteritis, regional enteritis, peritonitis, hernial, hemorrhoids and fistula.
- Unit II : Nursing Process and trends pertaining to care of patients with disturbances of the liver, biliary tract and pancreas.
- Liver - Hepatitis, Cirrhosis of liver, portal Hypertension, Heoplasms.
 - Gall bladder - Cholecystitis and cholelithiasis

- Pancreas - Pancreatitis, carcinoma

Unit III : Nursing process and trends pertaining to care of patients with disturbances of endocrine and metabolic function.

- Pancreas - Diabetes mellitus
- Thyroid - simple and toxic goitre, cretinisms, myxoedema

Parathyroid - Tetany

Adrenals - Addison's disease, Cushing's syndrome

Pituitary - Diabetes insipidus

Unit IV : Nursing process and trends pertaining to care of patients with disturbances in skin functions.

- Allergic disorders
- Infections - scabies, dermatitis, pyoderma, herpes
- Eczema
- Ulcers and Neoplasms
- Pemphigus, Pemphigoid

Unit V : Nursing process and trends pertaining to care of patients with communicable and sexually transmitted diseases. - Extent of National problems.

- Bacterial
 - Tuberculosis
 - Typhoid
 - Tetanus
 - Dysenteries
 - Cholera
 - Leprosy
 - Gonorrhoea

- Spirochaetal syphilis
- Viral
 - Influenza
 - Polio myelitis
 - Lympho granuloma venereum and venereum Granuloma
- Protozoal
 - Malaria, Amoebiasis, Filariasis
- Disorders of immune system - HIV, AIDS
- Recent developments

Unit VI : Nursing process and trends pertaining to care of patients with Neoplasms.

- Epidemiology, guidelines for cancer detection, Carcinogenesis, Diagnosis and treatment: chemotherapy, Radiotherapy and surgery.
- Nutrition
- Legal and ethical issues
- Patient education and counselling.

Unit VII : Nursing process and trends pertaining to care of patients with disturbances of special sense organs.

Eye: Assessment of vision, general management and care of eye disorders:

- Inflammations of the eye.
- Foreign bodies
- Physical and chemical injuries

- Keratomalacia
- Cataract, Glaucoma, surgical conditions
- Recent developments

Ear - Nose and throat

- Assessment of sensory function
- General management and care of ENT disorders
- Recent developments.

Unit XIII : Nursing process and trends pertaining to care of patients with disturbances in reproductive functions.

- Female reproductive functions
 - Menstrual abnormalities
 - Infertility and sterility
 - Uterine displacement
 - Endometriosis
 - Neoplasms
- Male reproductive functions
 - Prostatic Hypertrophy and Neoplasms
 - Infections and inflammations, Hydrocele
 - Infertility

Suggested practicals:

Clinical experience in the selected areas, applying nursing process pertaining to patients with the above listed conditions under each unit.

Clinical presentations on care of patients, one in each area

- Individual projects - Indepth studies
- Conducting clinical teaching and class room teaching to basic students.
- Practice in the use of specific diagnostic and therapeutic equipment in each area/ unit.
- Field visits to specialised units.

Methods of Teaching:

Lecture cum discussion

Seminars

Demonstrations

Observation visits

Methods of evaluation:

Written tests

Seminars

Projects

Clinical presentations

Evaluation of clinical practice

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CLINICAL SPECIALITY
MEDICAL SURGICAL NURSING

Placement : Second Year

Time Allotted:

Theory : 140 Hrs.

Practical : 500 Hrs.

Over all objectives

On completion of this course the student develops ability to identify in depth, the current concepts related to physiological, psychosociological and pathological aspects, Medical, Surgical Nursing management of patients and applying nursing process in the following clinical areas.

1. Cardio-thoracic
2. Haematology
3. Vascular medicine and surgery
4. Orthopaedics
5. Neurology
6. Nephrology
7. Plastic and reconstructive surgery

Specific Objectives:

In relation to each of the medical-surgical condition, the student is able to:

1. Describe the related anatomy and physiology
2. Describe the epidemiology, ecological influence, pathophysiology, clinical manifestations, medical and surgical management.

- 3 Explain laboratory investigations and other diagnostic studies.
- 4 Apply nursing process in giving holistic care to the patients
- 5 Integrate principles of rehabilitation at each stage of illness.
- 6 Apply new ideas in the nursing care of patients through innovation and adopting available information.
- 7 Apply knowledge and skills of education, management and research in the clinical settings.
- 8 Develop ability in maintaining standards of nursing practice and evaluation of nursing care.
- 9 Develop ability in teaching new concepts and skills in nursing personnel.
- 10 Plan and organise a patient care unit of the concerned medical surgical clinical area.

CONTENT

Unit I : Nursing process and trends pertaining to care of patients with cardiac conditions.

- Nursing history and assessment of a cardiac patient
- Invasive and non invasive cardiac investigations
- Congenital heart diseases.
- acquired valvular diseases.
- Endocarditis, myocarditis, pericarditis, Cardiomyopathy
- Coronary artery disease - Coronary atherosclerosis, Angina pectoris, Myocardial infarction.

- Congestive heart failure
- Arrhythmia, heart block, pace maker, Aneurysms, Coarctation.
- Cardiac surgeries - open and closed heart surgery
- Recent advances, Angioplasty
- Organisation of CCU, Caraiac emergencies.

Unit II : Nursing process pertaining to patients with thoracic conditions.

- Nursing history, assessment and investigations
- Infections and inflammations - Emphysema, Emphyema, Pneumonia, Tuberculosis.
- Bronchiectasis, Lung abscess and lung cancer.
- COPD, Pulmonary embolism, pulmonary hypertension
- Chest trauma
- Bronchial and cardiac asthma
- Occupational lung diseases
- Thoracic surgery
- Mechanical ventilators

Unit III : Nursing process an trends pertaining to care of patients with Hematologic disorders.

- Nursing history, assessment and investigations
- Anaemia, polycythaemia, Leukopenia, Agranulocytosis, Haematopoietic malignancies, S.L.E. Leukaemia, Lymphomas, Multiple myeloma, bleeding disorders.

Unit IV : Nursing process and trends pertaining to care of patients with vascular disorder and problems of peripheral circulation.

- Nursing history, assessment and investigation
- Diseases of arteries, Hypertension, Disorders of veins and lymphatic system.

Unit V : Nursing process and trends pertaining to care of patients with Orthopaedic conditions.

- Nursing history, assessment and investigations
- Congenital deformities.
- Infections of bones and joints - osteomyelitis acute and chronic.
- Arthritis - Rheumatoid, degenerative gouty and ankylosing spondylitis.
- Common painful conditions in adults - low back pain, bursitis, disabilities of the feet.
- Trauma to bones, joints and ligaments, sprains, dislocations and fractures.
- Diseases of brain, spinal cord and nerves- Poliomyelitis, cerebral palsy and spinabifida, myasthenia gravis.
- Tumors of the bones and joints - Joint reconstructive surgery, synovectomy and amputations.
- Paraplegia
- Nutritional disorders of the skeleton.
- Physio, occupational and rehabilitation therapies.

Unit VI : Nursing process and trends pertaining to care of patients with neurologic conditions.

- Nursing history assesement and investigations
- Head injuries
- Space occupying lesions
- Degenerative disorders
- Epilepsy
- Cerebro - Vascular accident
- Infectious processes
- Neurological trauma
- Physio, Occupational, and Rehabilitation therapies.

Unit VII : Nursing process and trenas pertaining to care of patients with renal disorders.

- Nursing history, assessment and investigations.
- Congenital anomalies of the kidney.
- Acquired lesions of the kidney.
- Renal infections: Specific & Non specific
- Renal injuries and calculi
- Renal tumors
- Medical conditions of kidney
- Dialysis
- Transplants
- Recent development and management of renal disorders.

Unit VIII : Nursing process pertaining to patients with plastic and Reconstructive surgical conditions.

- Introduction - The scope of plastic and reconstructive surgery.
- Skin grafts, flaps and microvascular surgery.
- Cleft lip and palate.
- Cosmetic surgery.
- Burns

Unit IX : Nursing process and trends in critical care nursing

- Historical perspectives and concepts of critical care nursing.

- Organization of critical care unit lay out, equipment, personnel, emergency drugs and supplies.

- Monitors, ventilators, defibrillators and cardiopulmonary resuscitation.

- Mobile critical care unit.
- Psychological implications, safety
- Fluid and electrolyte balance
- Nutritional supports
- Pathological disorders of lungs, CVS, Neuro, and endocrine emergencies.

Unit X : Nursing process and trends in emergency and disaster nursing.

- Principles and concepts of emergency and disaster nursing.

- Organization of men, material and facilities
- Care of patients with poisoning - ingestion of corrosive and non corrosive poisons, inhalation of poisons, poisonous bites and stings, alcoholic intoxication.
- Care of patients with problems of temperature regulation - hypothermia and hyperthermia.
- National disasters - definition, types, disaster preparedness, training of disaster volunteers, management of disaster victims and their families and the role of the nurse in the above.

Suggested practicals:

Clinical experience in the selected area, applying nursing process pertaining to patients with the above listed conditions under each unit.

- Clinical presentations on care of patients, one in each area.
- Individual projects - Indepth studies conducting clinical teaching and class room teaching to basic students.
- Practice in the use of specific diagnostic and therapeut equipment in each area/unit.
- Field visits to specialised units.

Methods of Teaching:

Lecture cum discussion

Seminars

Demonstrations

Observation visits

Methods of evaluation:

Written tests

Seminars

Projects

Clinical presentations

Evaluation of clinical practice

Reference:

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15. Uldali, Robert Renal nursing Edn 3 Block well, scientific publications London 1988.

BRANCH II**CLINICAL SPECIALITY****CHILD HEALTH NURSING**

Placement; First and Second year	Time Allotted :
	Theory : 200 Hrs.
	Practical : 550 Hrs.

Course Descriptions:

This course is designed for the graduate nursing students to pursue an advanced course of study for developing expertise and depth in the Nursing Care of Children. Emphasis is placed on developing a personal Philosophy of child care and a study of theoretical concepts and their application in the nursing care of children. An attempt is made in the understanding of the principles and dynamics of nurse patient interactions. Learning opportunities provided afford inter action with children and their families in the clinical, home and nursery school settings. The course is further concerned with developing an awareness of the professional role of the nurse in preventive and community welfare of children. The clinical areas and the home provide opportunity for the testing and validation of knowledge and beliefs in relation to child care.

The clinical speciality in Child Health Nursing is scheduled nursing First and Second years.

Introduction to Clinical speciality is given in First year.

The course content includes:

- a. Growth and development
- b. Child Psychology
- e. Common Paediatric Nursing problems

Clinical Speciality is given in Second year. The course content includes the modern trends and concepts in child care in relation to

- a. Preventive Paediatrics and Welfare Services.
- b. Designing the paediatric units and setting standards
- c. Neonatal Nursing
- d. Critical Care Nursing.

INTRODUCTION TO CLINICAL SPECIALITY CHILD HEALTH NURSING

Placement : 1 Year	Theory	: 60 Hrs.
	Practical	: 50 Hrs.

Overall objectives:

The student is able to develop in depth understanding of growth and development of children and child psychology and develop desirable attitude and skill in caring for the children in various age groups using nursing process.

Specific Objectives:

1. Explain the problems encountered in providing health care for the child.
2. Describe the social, cultural and family factors which influence child rearing practices and attitudes towards health and health care of children.
3. Use the knowledge of growth and development in the care of the Child in the family and hospital environment.
4. Demonstrate ability to observe and analyse the behaviour and to interact with the child and family during health and illness.
5. Utilize clinical and scientific data upon which the professional practice of the nursing of children is founded.

A. GROWTH AND DEVELOPMENT

CONTENT

Unit I : Introduction

- Child health as a major concern of the health care delivery system of the country.

- Influence of eugenics, socio-cultural and economic factors on child health and child care.

Unit II : Physical Growth and Development

- Prenatal and neonatal period
- Infant
- The toddler and Pre-school child.
- The school child, Pre adolescent and adolescent period.

Suggested Practicals and observations:

Observation of normal toddlers and school age child.

Observation of adolescent in College of Nursing and submit the papers.

B. CHILD PSYCHOLOGY

CONTENT

Unit I : Introduction

- Historical development
- Importance and methods used in child psychology
- Transmission of heredity
- Influence of environment

Unit II - Social, Emotional and Personality Development.

- Social development, learning, attachment and socialisation.

- Emotional development and emotional problems
- Development of personality.

Unit III : Cognitive Development:

- Intelligence
- Perception
- Memory
- Imagination
- Thinking and reasoning
- Development of language

C. COMMON PAEDIATRIC NURSING PROBLEMS.

CONTENT

Unit I : Introduction

- Historical development of child health in India.
- Current status of child health in India.
- Infant morbidity and mortality.
- Preventive and social paediatrics.

Unit II - The Hospitalized Child:

- Meaning of hospitalization to the child and family.
- Communication with children.
- Aspects of general care - emotional support, nutrition, play and recreation.

- Parental participation in the care of the child.
- Unit III
 - New born:
 - Appraisal and routine care.
 - High risk babies and nurse's responsibility in the care of newborn.
- Unit IV
 - Health Assessment of child.
 - History taking
 - Physical examination.
 - Assessment of nutritional status - Height, Weight, arm circumference and others.
- Unit V
 - Nursing process pertaining to children with Nutritional Deficiency Diseases:
 - Marasmus, Protein caloric malnutrition.
 - Iron and vitamin deficiencies.
- Unit VI
 - Nursing process pertaining to Children with communicable Diseases:
 - Poliomyelitis
 - Measles
 - Whooping Cough
 - Diphtheria
 - Tuberculosis
 - Helminthic infestations
 - AIDS

Unit VII - Nursing Process Pertaining to Children with Specific disorders:

- Gastro enteritis
- Fever and convulsions
- Respiratory infections- Bronchopneumonia, whooping cough and emphyasema.
- Nephritis, Nephrosis and renal failure.
- Anaemia, haemophilia and leukaemia.
- Rheumatic fever and Rheumatic heart diseases.
- Mental retardation and mental illness.

Unit VIII : Health Education:

- Education of parents and family on prevention of communicable diseases, promotion of health and on needs of the developing children.
- Education of School Children.

Unit IX - Introduction

- Recent advance in paediatric surgical nursing
- Facilities and equipment used in paediatric surgical unit.

Unit X : Nursing Process pertaining to neonate with Surgical conditions:

- Tracheo oesophageal fistula
- Pyloric stenosis
- Diaphragmatic hernia
- Ano-rectal anomalies

- Exomphalos, Ectopia vesica
- Meningocele, myelomeningocele

Unit XI : Nursing process pertaining to children with surgical conditions:

- Cleft lip, cleft palate and conditions requiring plastic surgery.
- Portal hypertension.
- Hirschprung's disease
- Intussusception
- Urinary tract problems
- Orthopaedic problems
- Neoplasms
- Burns
- Neurosurgical conditions
- Ophthalmic conditions.

Suggested Practicals and Observations:

1. Clinical practice in child health setting both in the hospital and community, paediatric cardiology, paediatrics surgical ward and cardiothoracic intensive care units.

Methods of Teaching:

1. Seminars, lectures, discussions, practicals, demonstrations.
2. Practice teaching and clinical teaching.

Methods of Evaluation:

- Written, practical and oral tests.
- Individual and group assignments.

CLINICAL SPECIALITY**CHILD HEALTH NURSING**

Placement: II Year	Theory	: 140 Hrs.
	Practical	: 500 Hrs.

Overall Objectives:

The student is able to develop an understanding of the modern trends and concepts in child care in relation to preventive paediatrics, Child welfare services, designing the paediatric units and setting standards for child care practices, demonstrate the ability to use the nursing process, showing application of relevant scientific concepts and principles, to make appropriate judgements/ decisions and solve problems related to the care of the critically ill children and their families.

Specific Objectives:

The student is

1. Able to understand modern trends and concepts in child care.
2. Aware of the child welfare services.
3. Able to design and organize the paediatric intensive care unit, units for neonates and the premature babies.
4. Able to set standards for nursing practice.
5. Appraise the nursing care and related facilities provided for the care of the child.
6. Aware of the expanded and extended role of the paediatric nurse in the hospital and community.
7. Develop competency in the physical assessment of the neonates.

8. Detect the deviations from the normal body functions.
9. Plan, carry out and evaluate comprehensive nursing - care as appropriate to the needs/ problems.
10. Educate and counsel the parents and the nursing personnel.
11. Identify the theories of cause which give rise to criticism.
12. Indicate the current and future trends in the management of critically ill children.
13. Explain the physiological, psychosocial and cognitive dysfunction that the child in the critical phase of any illness may experience.
14. Explain the effect of specific therapy.
15. Utilize the nursing process to provide individualised nursing care showing application of relevant scientific principles and ability to make appropriate decisions in nursing and critically ill children.
16. Demonstrate technical skill.
17. Evaluate the standard of patient care provided in the unit and introduce research approach.

CONTENT

Unit I : Concepts of Child Health Nursing

Unit II : Preventive paediatrics & welfare services.

- Maternal health and its influence on the health of the infant.
- Maternal malnutrition.
- Communicable diseases - Leprosy, Tuberculosis and sexually transmitted diseases.

- Maternal welfare programme.
- Mental hygiene concepts in child rearing.

Unit III : Child Care and Welfare Programmes

- Integrated child development programmes
- Nutritional programmes
- Health education
- Care of handicapped and mentally retarded children
- Conservation of vision & hearing.

Unit IV : Legal Aspects of Child Care:

- Illegitimate children and related problems.
- Legal procedures in child adoption.
- Child abuse and battered child syndrome.

Unit V : Modern trends in child care and Paediatric Nursing Education and Practice:

- Modern trends in child care
 - Primary health care
 - Child to child programme
 - Child care priorities in India.
- National and International agencies and their role in child care.
- The paediatric nurse practitioner - The expanded and extended role of the paediatric nursing in the hospital and community.

Unit VI : The Paediatric Units:

- Design, construction and lay out
- Paediatric intensive care unit.
- Neonatal and units for premature infants.
- Organization of personnel, equipment and supplies.

Unit VII : Setting standards of Nursing practice in the area

- Evaluation of the care
- Nursing Management

Unit VIII : Neonatal Nursing

- Neonatal Intensive Care Unit and Environment.
- Planning and organization of level I, II and III neonatal care units.
- Equipment and personnel management.

Evaluation of high risk pregnancy

- Assessment of fetal well-being
- Effect of maternal drugs on the newborn
- Drugs used in newborn.

Resuscitation of the newborn in the delivery room.

- Assessment of the newborn
- Identifying the high risk newborn
- Birth Trauma

Transport of the high risk infant to the ICU.

Infection, prevention and treatment.

- Congenital syphilis
- Ophthalmia neonatorum
- New born with HIV positive

Congenital malformation**Neonatal Hyperbilirubinemia****Haemorrhagic disorders Rh incompatibility****Neonatal seizures****Nutritional requirements****common metabolic problems****Respiratory distress syndrome**

- Hyaline membrane disorders

Neonatal mechanical ventilation**Temperature regulation mechanism****Preventive neonatology including**

- Low birth weight infants
- Term, small for gestational age
- Pre term small for gestational age
- Pre term appropriate for gestational age
- Pre term large for gestational age

Follow up care and assessment of high risk infants.

Unit IX : Critical Care Nursing

- Introduction Principles of Critical Care Nursing
- Planning and organisation of Critical Care Nursing, personnel equipment.
- Clinical assessment of Respiratory function.
- Child with respiratory failure
- Respiratory paralysis
- Supportive therapy
- Weaning therapy
- Nursing role in care for the ventilatory dependent child.
- Status Asthmaticus
- Tension pneumothorax
- Emphyema

Nutritional management of critically ill child.

- Nutritional assessment.
- Physiological principles and implication for nursing practice.
- Alterations in G.I. Tract
- Dehydration shock
- Nutritional requirements
- Energy and fluid therapy
- Methods of support

- Enteral feedings
- Parenteral Nutrition.
- Complications of parenteral Nutrition.
- Hepatic coma
- Metabolic acidosis

Critical pre-operative management of children with congenital heart diseases.

- Acyanotic lesions with increased pulmonary blood flow.
- Acyanotic lesions with decreased pulmonary blood flow.
- Acyanotic lesions with normal blood flow.
- Cyanotic lesions with normal or increased blood flow.
- Intra operative techniques
- Nursing priorities in post-operative management
- Severe anaemia
- Bleeding disorders
- Endotoxic shock
- congestive cardiac failure

Terminally ill children

- Leukemias, Tumours etc.

Neurological disorders

- Meningitis, Encephalitis, Rabies, Reyes Syndrome, Hypertensive Encephalopathy.
- Status epilepticus

Renal disorders

- Renal failure, Haemolytic uremic syndrome

Endocrine disorders

- Hypocalcemia
- Salt losing crisis
- Diabetic ketoacidosis

Insect bites - Scorpion sting, snake sting**Accident - poisoning and drowning.**

- Management of the primary nursing in the paediatric critical care unit.
- Care of children with HIV infection
- Care of surgically ill children
- Burns, accidents.

Suggested practicals:

1. Clinical practice in the Nurseries, surgical neonatal units in the hospital and community setting.
2. New born study project, observation of one normal and one sick new born over a period of 6 weeks for independent project.
3. Clinical practice in the hospital setting - Paediatric units, Neuro

units, cardio-thoracic units.

4. Child study project - Observation of a critically ill child for a period of 3-4 weeks - independent project.

Methods of teaching:

Lectures

Discussions

Seminars

Field trips

Methods of Evaluation:

Written tests

Written assignments

Clinical practice

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BRANCH III**CLINICAL SPECIALITY****MATERNITY NURSING**

Placement: First and Second years	Time allotted
	Theory : 200 Hrs.
	Practical : 550

Course Description:

This course is designed for the graduate student to pursue on advanced course of study for developing expertise and depth knowledge in the physical and psycho-social aspects of child bearing and rearing, in family and community. Emphasis is placed on developing a personal philosophy of caring mother and her newborn child, and a study of theoretical concepts and their application in the care of pre-marital, couple education, prenatal, intranatal and postnatal care of mother and her newborn child. An attempt is made in the understanding of the principles and dynamics of nurse client interactions. Learning opportunities provided by interaction with clients and their families in the clinicals, home and in community settings. The course is further concerned with developing an awareness of the professional role of the independent nurse specialist in preventive obstetrics and promotion of family welfare programmes. The clinical areas and community centres and subcentres and the home provide opportunity for the testing and validation of knowledge and beliefs in relation to maternity nursing care.

The clinical speciality in maternity nursing is scheduled during First and Second years.

Introduction to clinical speciality is given in First year. The course content includes:

- a. Initial client interaction.
- b. Normal obstetrics.

Clinical speciality in second years includes the modern trends and concepts in obstetrics nursing in relation to preventive obstetrics and management of abnormal obstetrics.

- a. Preventive obstetric and family welfare services.
- b. Designing the obstetrics and neonatal units and setting standards.
- c. Reproductive endocrinology
- d. Ethical and legal issues in obstetrics nursing.

BRANCH III**CLINICAL SPECIALITY****MATERNITY NURSING**

Placement: I & II Years

Time Allotted:

Theory : 200 Hrs.

Practical : 550 Hrs.

Overall objective:

The B.Sc. Nursing graduate of this programme will have in depth knowledge about the physical and psycho-social aspects of child bearing and rearing of the individual family and community, she will function effectively as a maternity nurse specialist in all capacities and she will direct, educate and supervise the health personnel in all settings.

Behavioural Objectives:

The graduate is able to:

1. Describe the biophysical and psycho-social aspects of normal pregnancy, labour and puerperium.
2. Identify and analyse deviation from the normal birth process and us nursing process in giving comprehensive care to normal and high risk mothers during pregnancy, labour and puerperium.
3. Appraise the normal and high risk new born and give appropriate care.
4. Appreciate her role in supporting the child bearing family.
5. Explain the importance of maternity nursing and MCH programme at the national, state, district and PHC level.

6. Plan and co-ordinate with family welfare programmes and identify her role as a maternity nurse specialist in implementing the programmes.
7. Educate, direct and supervise health personnel in all maternity settings.
8. Conduct and participate in research programmes.

INTRODUCTION TO CLINICAL SPECIALITY

Placement: 1 year	Theory	: 60 Hrs.
	Practical	: 50 Hrs.

Behavioural Objectives:

The graduate is able to:

1. Describe the biophysical and psycho-social aspects of normal pregnancy, labour and puerperium.
2. Assess the normal new born and give appropriate care.
3. Appreciate her role in supporting the child bearing family.
4. Provide nursing care to mothers with normal pregnancy, labour and puerperium.
5. Provide appropriate care to mothers with pathophysiological conditions of reproductive organs.

CONTENT**Unit I : Introduction**

- Historical and current perspectives in maternal and child care
- The effect of child bearing on the family and society concepts safe motherhood

Unit II : Review-Human Reproductive systems

- Anatomy and Physiology
- Sexual development and human sexuality
- Conception and foetal development

Unit III : Normal pregnancy, labour and Puerperium

- Physical and psychological changes and management of pregnancy, labour and puerperium.
- Prenatal intranatal and postnatal assessment.
- Methods of child birth preparations
- Maternal assessment and intra uterine foetal monitoring.
- Needs and care of mother during pregnancy, labour and puerperium.

Unit VI : New Born:

- Normal new born - response to birth
- Observation, assessment and apgar scoring
- Nursing management including bonding.

Unit V : Diseases of reproductive organs

- Menstrual irregularities, genital infections, uterine displacements, tumours, injuries and fistulas, investigations and nursing management.

Unit VI : Infertility

Primary and secondary infertility causes diagnostic procedures, Treatment and Nursing Management, Role of nurse in genetic counselling.

Suggested Practicals:

1. Maintain clinical procedure record

2. Project presentation on selected mothers and newborn babies.
3. Clinical teaching and class room teaching.

Method of Teaching:

1. Lecture and discussion
2. Seminars
3. Clinical presentation
4. Project presentation
5. Demonstrations

Methods of Evaluation:

1. Written test
2. Assessment of seminars of projects
3. Evaluation of Clinical practice and clinical experience record.

CLINICAL SPECIALITY

Placement: II Year

Theory : 140 Hrs.

Practical : 500 Hrs.

Behavioural Objectives:

The graduate is able to:

1. Identify and analyse deviations from the normal birth process and use the nursing process in giving comprehensive care to normal and high risk mothers during pregnancy, labour and puerperium.
2. Assess high risk new born and give appropriate care.
 - Develop competency in the physical assessment of the neonates
 - detect the deviations from the normal body functions
 - plan, carry out and evaluate comprehensive nursing-care as appropriate to the needs/problems.
 - educate and counsel the parents and the nursing personnel.
3. Explain the importance of maternity nursing and maternal and child health programmes the national, state, district and PHC levels.
4. Plan and co-ordinate with family welfare programme and identify her role as maternity nurse specialist in implementing the programmes.
5. Educate, direct and supervise health personnel in all maternity settings.
6. Conduct and participate in research programmes

CONTENT

Unit I : Introduction

- Maternal and Child Health programmes at different levels.
- Health indices of Maternal and Child in India and other countries.

Unit II : Complications of pregnancy

- Maternal Diseases complicating pregnancy
Hyperemesis gravidarum, pregnancy induced hypertension, cardiac diseases, anaemia, diabetes, bleeding disorders, Tuberculosis & STD and other genito urinary tract infection.
- Nursing Management

Unit III : Pathology of Labour

- Malpresentations, Multiple pregnancy, dystocia, contracted pelvis, Injuries to birth canal, Obstetric emergencies, obstetric operations, and Nursing Management.

Unit IV : Complications during Puerperium

- Post partum haemorrhage, Retained placenta, Adherent placenta, uterine infections Urinary tract infections, Breast engorgement and abscess, and problems related to Breast feeding.

Unit V : High risk newborn

- Premature, small for gestational age, Large for gestational postmatura infant, Infant of diabetic mother, Asphyxia, respiratory distress, neonatal

jaundice, Haemolytic diseases, anaemia infections, injuries, congenital anomalies and genitis disorders.

Neonatal Intensive Care Unit and Environment

- Planning and organization of level I, II and III neonatal care units.
- Equipment and personnel management

Evaluation of high risk pregnancy

- Assesment of fetal well-being
- Effect of maternal drugs on the new born
- Drugs use in newborn

Resuscitation of the new born in the delivery room

- Assessment of the newborn
- Identifying the high risk newborn
- Birth Trauma
- Transport of the high risk infant to the ICU

Nutritional requirements

- External and parenteral feeding
- Fluid balance in the NB

Preventive neonatology

- Low birth weight infants
- Term, small for gestational age
- Pre term small for gestational age

- Pre term appropriate for gestational age
- Pre term large for gestational age
- Follow up care and assessment of high risk infant.

Unit VI : Mental Health in Maternity

- Emotional needs of the pregnant mother and family, crisis intervention, psychiatric problems and Nursing management.

Unit VII : High risk approach in Maternal and child health

- Concept, high risk factors, identification by various levels workers, referral system.

Unit VIII : National Health policy and health programme of Government for Maternal and Child Health, Health personnel involved in training, supervision and evaluation. International policies and programmes baby friendly hospital.

Unit IX : Trends in Maternal and child care in the world, and the role of nurse in the same.

Unit X : Preventive obstetrics and paediatrics

Maternal and child care package and under five clinic

School health.

Unit XI : Community Maternity centre and the expanded role of the nurse as practioner in community midwifery.

Setting up of maternity centre.personnel budget, maintenance and management.

Unit XII : Training and supervision of Auxiliary Health Personnel

- Identifying the TBAS, Organisation of Training camp and supervision.
- Development of manuals for the use of health workers.
- Records and reports.

Unit XIII : Expanded and Extended role of Maternity Nurses

- Family welfare programmes, Education, training and supervision of health personnel in hospital and community, setting up of maternity units setting up standards in the area of speciality for quality care Critique of research studies and reports, conducting research and Evaluation of care.

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BRANCH-IV**CLINICAL SPECIALITY****COMMUNITY HEALTH NURSING**

Placement; First and Second Year	Time allotted :
	Theory : 200 Hrs.
	Practical : 550 Hrs.

Course Descriptions:

This course is designed for graduate students to pursue an advanced course of study for developing expertise and depth in care of people in community. Emphasis is placed on developing philosophy, objectives, Principles, concepts, theories and their application in the nursing care of the community. An attempt is made in developing competence in Community Health Nursing practice related to families, communities, in organisation, administration, supervision and development of health care at various levels towards improving the health personnel for achievement of goals. This course is further concerned with identifying individual, family and community needs and problem in relation to social, economic, educational, ecologic factors, and demonstrate the ability to take adequate intervention for promotion of positive health, Prevention of illness, early detection of disease disability limitation and rehabilitation.

The clinical specially in Community Health Nursing is scheduled during First and Second years.

Introduction to clinical speciality is given in First year. the course content Includes:

- Health care delivery system in India - National programme.
- Community organization and health management.

- Role of Community Health Nurse as Nurse Practitioner and supervisor in Primary Health Care with emphasis on integration of Health education.
- National, International and voluntary Health agencies and their role for Health promotion.

Clinical Speciality is given in Second year. The course content includes:

- a. Epidemiological approach to collect vital statistics and health Statistics.
- b. Community Mental Health Nursing.
- c. Maternal and Child Health Nursing including family welfare planning.
- d. School Health Nursing Programme.
- e. Occupational Health Nursing programmes.
- f. Community Nutrition Programmes.
- g. National Disease Control Programmes.
- h. Trends and issues in Community Health Nursing.

INTRODUCTION TO CLINICAL SPECIALITY**COMMUNITY HEALTH NURSING**

Placement: First year	Theory	: 60 Hrs.
	Practical	: 50 Hrs.

Overall Objective

The graduate student function as a clinical specialist in giving comprehensive care in various setting of the community applying principles of community organization and Health education for the promotion of health in the community.

Behavioural Objectives:

The student is able to:

1. Define, explain, and illustrate the application of nursing process, concepts and theories in community health nursing practice.
2. Describe health problems in India, factors related to them, Five year plans.
3. Explain and apply the principles of Community Health Nursing ethical principles in Providing Primary Health care in the community.
4. Explain Health care Delivery system in India in different levels- Central, State, District, Primary Health Centre and Sub-Centre, and mention the national health programmes.
5. Describe the role of community health nurse as nurse practioner and supervisor in Primary Health Care with emphasis an Integration of health education.
6. Explain the role of health agencies for contribution towards health programmes.

Unit I : Introduction

Concepts - health, illness, comprehensive care Holistic approach, Primary Health Care, Adaptation, Crisis intervention

Changing concepts of health and disease and its implications for community Health Nursing.

Unit II : Factors affecting Community Health

- Ecology
- Population dynamics

Unit III : Historical development of Community health and Community Health Nursing.**Unit IV : Philosophy of Community Health Nursing**

Principles of community health Nursing Ethics and its implications in Community Health Nursing Practice.

Unit V : Modern concepts applicable to community Health Nursing.

Nursing process

Primary Nursing

Distributive Nursing

Unit VI : Theories, models and Techniques applied to Community Health Nursing.

- ANA Conceptual model for Community Health Nursing practice.
- Interdisciplinary models applicable to community Health Nursing.

Systems theory

Developmental theory

Interaction models

- Psychosocial theories

Epidemiological model in Community Health Nursing
Education models and principles applied to
Community Health Nursing

Models for programme planning and evaluation.

- Therapeutic communication.

Unit VII : Health care delivery system in India.

- Current status of Health care system

- Economics of Health Care delivery

National health planning

Health Care delivery at centre, state, district and
Governmental, political and legal influences on the
practice of Community Health Nursing.

Unit VIII : Maternal Child Health & Family welfare

- Safe motherhood

- Baby Friendly hospital

- High risk approach

Evaluation of high risk pregnancy

- Assessment of fetal well-being

- Effect of maternal drugs on the new born

- Drugs used in new born

Neonatal high risk conditions

- Infection, prevention and treatment
- Congenital syphilis
- Ophthalmia neonatorum
- New born with HIV positive
- Congenital malformation
- Diaphragmatic Hernia
- Tracheo - esophageal fistula/Atresia
- Exemphalous
- Anorectal malformation
- Spinabifida
- Neonatal Hyperbilirubinemia
- Haemorrhagic disorders
- RH incompatibility
- Neonatal seizures
- Preventive neonatology
- low birth weight infants
- Term, small for gestational age
- Pre term small for gestational age
- Pre term appropriate for gestational age
- Pre term large for gestational age
- Follow up care and assessment of high risk infants.
- Nutritional requirements
- External and parenteral feeding
- Fluid balance in the New born

Unit IX : Health services & Nurses role in various programmes

New Developments

Control of communicable diseases

Family welfare

School Health

Industrial Health

Geriatric programme

Environmental Health

Unit X : Diversity in the Community Health Nursing role.

The Community Health Nurse manager.

The Community Health Nurse consultant

The Community Health Nurse as client advocate

The Community Health Nurse as Family Nurse practitioner in Primary (Ambulatory) Care.

The Community Health Nurse in home health and hospice care.

Unit XI : Health Education

A. Introduction

Need

Scope

Philosophy

Objectives

B. Theory and strategy for change

Determinants of change

Motivation

Values

Customs

Beliefs

Habits of clients and community Health worker.

Educational diagnosis and treatment

- Diffusion
- Health - Belief model
- Overcoming resistance to change.

Communication

Methods

Techniques

Individual, group and mass communication

Use of audiovisual aids

Group and leadership process

Concepts, and types of leadership

Group dynamics

Community Organisation and methods:

Concepts, strategies

Community participation

**Application of Community organization for health
education planning**

Evaluation

Principles

Criteria

Methods

Application

Practicals

- Orientation to community - Urban, Rural and Tribal and appraisal of community and resources
- House visit and family health services.
- Observation visit to P.H. Centre and sub centre and participate in community nursing programmes.
- Visit administrative organization offices- District Health Office, P.H. Laboratory, District T.B.C. Programme Office, Dist. Leprosy control unit, District F.W.P. Office, TIN P Office, Anganwadis, Red Cross Society, Mather sangams, Youth Clubs.
- Conduct Health education in Community.
- Survey community and identify health status and leaders of community.
- Make a project and submit report.
- Visit out patient department and clinics conducted in hospitals and primary health Centres.
- Assign duties for B.Sc. (Nursing) Students and participate in their programmes.

Methods of Teaching:

Lecture, Discussion, Family presentation seminars, Field Trip, Written assignment, projects.

Methods of Evaluation:

Practicals, Periodical Test
Internal and external Test and Practical along with second year.

CLINICAL SPECIALITY

Placement: IIInd year

Time allotted :

Theory : 140 Hrs.

Practical : 500 Hrs.

Overall objectives:

The graduate student applies the epidemiological approach and develops skills in community organisation and Health Management Functions as an independent Nurse practioner in various settings specially in community mental Health and Community Nutrition Programme.

Behavioural Objectives:

The Student is able to:

1. Discuss the major purposes and uses of epidemiology
2. Utilize a epidemiological approach in defining and solving health problems of families and communities.
3. Apply epidemiologic principles to a specific community health activity and of work situation (eg) health education, health care management in order to improve or change a current practice in that area and evaluate programmes.
4. Distinguish the different types of epidemiologic/ studies
5. Explain the implications of epidemiologic/ studies on the development of community health policies and programmes.
6. Collect relevant vital statistics related and illness and interpret the available data of the local, district and government.
7. Explain the concept, principles methods of community organisation.

8. Explain the government plan in promoting community organisation and the existing government set up for community development.
9. Identify the influential people in the community, mobilise them for community action.
10. Promote registration of Madhar Sangam, Youth clubs and Health committees.
11. Motivate community members to function as health workers and volunteer.
12. Identify voluntary organisations and banks and explain their role in community development.
13. Explain application of community organisation in health management.
14. Assess the nutritional problems in the Community, Organises and evaluated community nutrition programme.
15. Promote mental health in the community.
16. Organise and evaluate community mental health activities in three levels of care.

CONTENT

a. Epidemiology and Health information system (Health statistics)

Unit I : Introduction

Historical development of epidemiology

Unit II : Different approaches in Epidemiology concept of natural history of disease Agent, Host and environment System approach.

- Time distribution
- Place distribution
- Person distribution
- Search for cause
- Criteria for causality and association risk approach
- Biological
- Physical
- Socioeconomic and cultural situation

Unit III : Health status indicators and indexes rates and population at risk

- Incidence
- Prevalence
- Birth, death, morbidity, mortality etc.

Unit IV : Methods of epidemiology

Descriptive Epidemiology

Analytical study

- Retrospective
- Prospective
 - Case control
 - Cohort

Experimental

- Prophylactic
- Therapeutic

Clinical field trials, community intervention trials

Serological & Clinical studies

Observational studies with/without control

Quantitative methods

Occupational epidemiology

Unit V : Epidemiology of communicable and non communicable diseases.

Unit VI : Sources of data on community health census

Vital statistics

Birth, death certificate

Morbidity survey

Health interview

Health records

Natural family growth

Analysis of data

Disease notification and registration

Unit VII : Disease control and Eradication

Unit VIII : Medical Entomology

Unit XI : Epidemiologic investigations

Evaluation and Research

Epidemiology and Health policy

Epidemiology in Health services delivery

Epidemiology and marketing

b. Community Organisation

Unit X : Concepts principles and application of community organisation.

Unit XI : Identification of influential persons in the community mobilising community members in the community programme planning action and evaluation.

Registration of Madhar Sangam, Youth Clubs, utilization of voluntary organisations and other groups for community action, and development.

Unit XII : Government community development programmes and civil administration.

c. Community Mental health

Unit XIII : Introduction

- Historical development of community Mental Health and its present status in developed countries and in India.
- Factors influencing mental health and mental illness
- Epidemiology
- Mental Health services in India.
- Nursing process in community mental health nursing.
- Assessing the mental health needs of individuals and family.
- Planning and providing care in the areas of primary, secondary and tertiary preventions.
- Community diagnosis, programme planning, implementation and evaluation

- Rehabilitation of mentally retarded
- Preventive psychiatry
 - Primary
 - Secondary
 - Tertiary

d. Community Nutrition

- Unit IV : - Nutritional problems in India and other countries
- Nutrition assessment
 - Nutrition survey analysis and interpretation of data
 - National nutrition policy and strategies
 - Alternative strategies for nutritional problems
 - Community development and promotion of nutritional status
 - Organising and conducting nutritional health education programmes
 - Applied Nutrition programmes
 - Community Health workers - training and involvement in the programme.

E. Community Health programme planning & Evaluation

F. Role of community Health Nurse as a Nurse practitioner:

- Unit XV : - Concept, Scope of nurse practitioner in primary health care in the levels of primary prevention and secondary prevention.
- Unit XVI : The role of nurse in different settings, home, school, clinics, industry, maternity centre, rural hospital.

Unit XVII: Responsibilities in special programmes;

- Role of nurse in special areas - Social medicine, nuclear medicine.

G. Supervision in Community Health Nursing

Scopes, methods of supervision, training, staff development by nursing personnel, evaluation of health personnel.

Unit XVIII: Assertiveness

Unit XIX : Quality assurance in Community Health Nursing

Speciality approaches

Staff review committee

Evaluation studies

Malpractice studies

malpractice litigation

Record and reports

Evaluation tools

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BRANCH V**CLINICAL SPECIALITY****MENTAL HEALTH NURSING**

Placement; I & II Year

Time allotted :

Theory : 200 Hrs.

Practical : 550 Hrs.

Course Description:

This course is designed for the students to pursue an advance course of study for developing in depth knowledge and expertise in mental health nursing. Emphasis is placed on developing a theoretical and conceptual models approach in the mental health nursing. An attempt is made in the understanding of the principles of mental health and dynamics of nurse patient interpersonal and therapeutic relationship. The course is further designed to develop professional approach in providing holistic care to patients.

The clinical speciality and mental health nursing is scheduled during first and second year.

Introduction to clinical speciality is placed in first year. The course content includes application of nursing process pertaining to

- Personality
- Stress & Coping
- Psychiatric Disorders
- Physical and Psychosocial methods of treatment
- Principles of Psychiatric nursing.

Clinical speciality is scheduled during second year. It includes general nursing care of children adolescents, and the aged in all settings. Legal aspects of Psychiatric care is also covered.

INTRODUCTION TO CLINICAL SPECIALITY**MENTAL HEALTH NURSING**

Placement 1st year	Theory	: 60 Hrs.
	Practical	: 50 Hrs.

Overall Objective:

The student is able to provide curative, preventive, promotive and rehabilitative care to adults with psychiatric disorders in the hospital.

Specific Objectives:

The student is able to:

1. Describe the principles of mental health.
2. Explain dynamics of human behaviour in different situations
3. Describe the magnitude of psychiatric problems and trends in psychiatric care.
4. Explain etiology, psychopathology, clinical manifestations, evaluation and management of various psychiatric disorders of adults.
5. Apply different principles and concepts into every aspect of nursing care.
6. Establish therapeutic relationship with patients and significant others in the environment.
7. Communicate, observe, analyse, and interpret individual and group behaviours.
8. Provide holistic care to adults with various psychiatric disorders in the hospital using nursing and other techniques.
9. Develop desirable attitudes

CONTENT**Unit I : Introduction**

- Concepts of health - illness phenomena
- Concepts and practice of mental health
- Development of mental health movement
- Factors promoting mental health and attributes of a mentally healthy person.

Unit II : Personality

- Determinants of personality - Biological factors, family, childhood, school system,
- Socio-economic and cultural factors
- Theories of personality
- Development of personality
- Disorders of personality

Unit III : Stress and coping:

- Theoretical approach - Definition & Process
- Commonly observed patterns of behaviour
- Adjustment and maladjustment

Unit IV : Historical Developments

- Orientation to psychiatry and psychiatric nursing
- Development of psychiatric care in general and in India
- Magnitude of the problems in India.

- Mental health services available at local, national and international levels.

Unit V : Psychiatric disorders and management of adults

- Classification
- Etiological theories and psychopathology
- Clinical manifestation
- Evaluation
- History taking and interview
- Assessment of mental status
- Psychological testing of personality, intelligence, memory and aptitude
- Neurological assessment
- Prognosis

Unit VI : Physical and psychological methods of treatment

- Physical therapies - Psychotropic drugs
 - Electro convulsive therapy
 - Narco analysis
- Psychological therapies - Psychotherapy
 - Family therapy
 - Behaviour therapy
 - Group therapy
 - Occupational therapy

Unit VII : Principles of psychiatric Nursing

- Therapeutic relationship
- Therapeutic communication
- Therapeutic environment
- Therapeutic attitudes and activities
- Observation and reporting of patients behaviour.

Unit VIII : Nursing process pertaining to adults with psychiatric disorders.

- Psychosis - Functional and organic
- Neurosis
- Psycho physiological disorders
- Personality disorders
- Substance abuse
- Sexual disorders
- Psychiatric emergencies

Practical experience:

Clinical experience in Psychiatric setting and neurology wards.

Methods of Teaching:

- Lecture
- Discussion
- Seminar
- Case conference

- Video and Audio tapes
- Clinical experience
- Process recording

Methods of Evaluation:

- Written examination
- Written assignments
- Evaluation of clinical experience
- Patient centred study
- Process recording and
- Practical examination

CLINICAL SPECIALITY

Placement: IIInd Year	Theory	: 140 Hrs.
	Practical	: 500 Hrs.

Overall objectives:

The student is able to acquire skills in providing care to children adolescents and the aged in all settings. The student is able to manage in specialised areas such as community mental health, substance abuse etc. She demonstrates leadership qualities in teaching and administration.

Specific Objectives:

The student is able to:

1. Provide care to children, adolescents and the aged with psychiatric disorders in all settings using nursing process and other techniques.
2. Demonstrate ability in dealing with crisis by giving guidance and counselling.
3. Provide care and promote mental health in obstetrics.
4. Provide care at the primary, secondary and at the tertiary.
5. Plan and administer psychiatric units.
6. Explain the legal aspects of psychiatric care.
7. Provide mental health care at community settings.
8. Provide care for clients with substance abuse.
9. Organize preventive community mental health programmes
10. Strengthen the stress tolerance of individuals and families.
11. Conduct basic research in the field of mental health.

Unit I : Child Psychiatry

- History of child psychiatry
- Normal development and mental health
- Concept in child rearing practice
- Common psychiatric disorders of childhood and adolescents.
- Role of the nurse in child psychiatry

Unit II : Geriatric psychiatry

- Common needs and problems of the aged
- Common psychiatric disturbances of the aged
- Dementias
- Neurosis
- Psychosis
- Other emotional problems
- Role of the nurse in geriatric psychiatry

Unit III : Crisis intervention

- Theoretical approaches
- Types of crisis
- Characteristics of intervention
- Nursing process
- Future trends

Unit IV : Guidance and counselling

- Principles and methods
- Genetics & Marital counselling

Unit V : Mental Health in obstetrics

- Premerital counselling
- Expectent parents
- Normal reactions to conception, pregnancy, labour and puerperium
- Problems related to conception and pregnancy
- Psychiatric disorders in obstetrics and gynaecology
- Reaction of parents to deformed child.

Unit VI : Adolescent psychiatry

- Psychiatric disorders of adolescents
- Nursing care of adolescents with psychiatric problem

Unit VII : Community mental health

- Historical development
- Preventive psychiatry
- Epidemiology
- Nursing process in community mental health
- Organisation and administration of health care delivery system - local, national, international

Unit VIII : Substance abuse

- Magnitude of problem
- Nursing process
- Preventive services:
Stress tolerance

Unit IX : Mentally handicapped

- Extent of Problem
- Rehabilitation

Unit X : Administration

- Organisation, administration, functions of Psychiatric hospitals, psychiatric centres, nursing homes, and psychiatric units in general hospital.

Unit XI : Legal aspects of psychiatric care.**Suggested practicals and observation:****1. Clinical experience in various unit at**

- Mental health centre
- Neurology

2. Visits to affiliate institutions

- Mental hospital
- psychiatric units in general hospital
- Home for the aged
- Delinquent children's Home
- Institutions for mentally retarded Prison.

3. Field work, home visits, clinics, special small group programmes, working along with the supervisor and assisting with the various supervisory health education responsibilities.
 - Follow up of psychiatric patients family care study
 - Visit to community mental health centre.
4. Observation visit to
Rehabilitation centres
alcoholic/narcotic anonymous
5. Conduct group and family therapies under the guidance and supervisor.
6. Teaching - Junior students
7. Individual projects
8. Clinical presentation

Methods of teaching:

Lectures, Discussion, Seminars, Case conference, Demonstrations

Video-Audio tapes, Demonstrations - one way mirror Process recording.

Methods of Evaluation:

Written Evaluation

Written Assignments

Evaluation of clinical experience

Patient centered study

Process recording

Anecdotal notes

Practical examinations

Field work practical

Oral tests

Individual and group assignments

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BRANCH VI**CLINICAL SPECIALITY****MATERNAL AND CHILD HEALTH NURSING**

Placement I & II year

Time Allotted:

Theory : 200 Hrs.

Practical : 550 Hrs.

Course Description:

This course is designed for the graduate student to pursue an advanced course of study for developing expertise and depth in the nursing care of mother and child. Emphasis is placed on developing a personal philosophy of mother and child care and a study of theoretical concepts and their application in the nursing care of mother and child. An attempt is made in the understanding of the principles and dynamics of nurse patient interactions. Learning opportunities provided affordable interaction with Children and their families, In the clinical settings, home and in community. The course is further concerned with developing an awareness of the professional role of the nurse in preventive and promotive community welfare of mother and child. The clinical areas and the home provide opportunity for the testing and validation of knowledge and beliefs in relation to mother and child care.

The clinical speciality in maternal and child Health Nursing is scheduled during First and Second years.

Introduction to clinical speciality is given in First year, the course content includes;

- a. Neonatology
- b. Normal obstetrics
- c. Health and family welfare

d. School Health

Clinical speciality is given in second year the course content includes the modern trends and issues in maternal and child health programmes related to

- a. Preventive obstetrics and Paediatrics
- b. Critical care nursing in neonatology, HIGH risk Pregnancy, and in domiciliary care.
- c. Health education for mothers and children.
- d. Designing and setting up of MCH programmes and developing standards.

BRANCH VI**MATERNAL AND CHILD HEALTH NURSING**

Placement: 1 year

Time allotted :

Theory : 60 Hrs.

Practical : 50 Hrs.

Overall Objectives;

The graduate of the programme will demonstrate in depth knowledge using nursing process in child bearing, rearing of the individual, family, community and nation. She will function effectively as a maternal child health nurse specialist in all capacities and in all setting and will direct, educate, co-ordinate and supervise health personnel.

Behavioural Objective/Specific Objectives:

At the end of this course the graduate will be able to:-

1. Discuss the biophysical, psycho-social and spiritual aspects of normal pregnancy labour and puerperium.
2. Explain the growth and development of a child and different community and national factors which influence the child health.
3. Critique the National and Health care delivery system in General and MCH care package in particular.
4. Identify the different areas for health education, plan, conduct and evaluate the health education programme in different settings.
5. Plan and co-ordinate with family welfare programme school Health and Nutrition rehabilitation programme and identify her role as MCH Nurse specialist.

CONTENT

- Unit I** : Assessment of the newborn
- Identifying the high risk newborn Birth Trauma
 - Transport of the high risk infant to the ICU
- Unit II** : Planning and organization of level I, II & III neonatal care units.
- Equipment and personnel management.
- Unit III** : Reproductive organs & Related Health Issues.
- Review of Anatomy and Physiology of reproductive organs.
 - Women's experiences from menorchi menopause.
 - Sexuality and reproductive choice
 - Speical reproductive concerns
 - Disorders of the family reproductive system.
 - Gynaecologic surgery
 - Rape
- Unit IV** : Normal Pregnancy
- Review of conception and foetal development
 - Physical and Psychological changes of pregnancy
 - Antepart Nursing assessment
 - The expectant couple: needs and care
 - Maternal Nurtrition
 - Diagnostic assessment of mother and foetus

Unit V : Normal Labour & Delivery

- Normal Newborn Review
- Physiological response of the new born
- Assessment of new born
- Needs and care of the newborn
- Feeding of the new born
- Mother - Child bonding

Unit VI : - The normal puerperium

- Post partal adaption and Nursing assessment
- The needs and care of post partal family
- Attachment of family.

Unit VII : The normal growth and development of infant to adolescent period.

- Different factors which influences the normal growth and development.
- Physical growth and development
- Social, Emotional and personality development
- Cognitive development
- Health Assessment of the child
- Nutritional Assessment

Suggested Practicals

- Visits to PHC
- Attend MCH clinics in Rural and Urban
- Clinical practice in the Maternal health setting both in the Hospital and Community.
- Clinical practice in the child health both in the hospital and community.
- Conduct 5 normal deliveries in Rural setting 5 normal deliveries in Hospital.
Identify High risk pregnancy in the field and refer to hospital.
- Care of newborn and children.
- Growth and Development observation at different age groups
- Projects of child observational studies
- School health programme
- Family follow up.

Method of Teaching

- Seminars and discussion
- Clinical presentation
- Field visits
- Lectures, Demonstration

Methods of Evaluation

- Written assignments
- Clinical performance
- Tests & Quiz

CLINICAL SPECIALITY**MATERNAL AND CHILD HEALTH NURSING**

Placement: II nd year

Time allotted

Theory : 140 Hrs.

Practical : 500 Hrs.

Overall objectives:

The student will demonstrate knowledge and skill in delivering quality care to high risk mothers and sick children in any setting, apply the knowledge of the modern trends and concepts in maternal and child care, design maternity and paediatric units and set policies and standards for Maternal and Child care practices.

Specific objectives:

The student is

1. Able to design maternity and paediatric units.
2. Set policies, procedures and - standards to minimize the cross infection.
3. Identify different levels of MCH care and refer appropriately
4. Use nursing proces effectively in delivering good quality care to the high risk mothers during pregnancy, labour and delivery.
5. Direct, guide, support and assist nursing personnel to plan and provide individualize care to the sick children in any setting.
6. Express appreciation towards the expanded and extended role of a MCH nurse organizing and setting up Maternal Services in rural areas.

CONTENT

Unit I : Introduction:

- Levels of MCH Care
- Maternal and child Health Programme at different levels
- Designing maternity and paediatric units.
- Nosocomial infection in MCH Units.

Unit II : COMPLICATION OF PREGNANCY

- Maternal diseases complicating pregnancy
- Haemorrhagic complications of early pregnancy
- Hyperemesis gravidarum
- Hypertensive disorders of Pregnancy
- Haematologic disorders
- Heart diseases
- Diabetes mellitus
- Disturbances in Thyroid function
- Renal disease
- Infectious diseases

Unit III : COMPLICATIONS OF LABOUR

- Dystocidue to abnormalities of labour mechanics
- Haemorrhagic complications
- Prolapes of umbilical cord

- Amniotic fluid embolism
- Multiple pregnancy

Unit IV : OPERATIVE OBSTETRICS

- Repair of lacerations
- Forceps
- Vacuum extraction
- Version
- Cesarean section
- Destructive operations
- Induction of labour

Unit V : POST PARTAL COMPLICATIONS

- Postpartum infections of the genital tract
- Pulmonary embolism
- Sub involution of the uterus
- Mastitis
- Urinary tract infections
- Other complications

Unit VI : NEONATAL CARE

- Plan & Organize neonatal unit
- Disorders of gestational age and birth weight
- Parental and staff reactions to defect and disorders

- Congenital and genetic anomalies
- Inborn errors of metabolism
- Rh incompatibility
- Musculoskeletal disorders
- Acquired disorders
- Birth trauma and anoxia - Seizures
- Infections
 - Bacterial infections
 - Non bacterial infections
- Neonatal problems secondary to maternal disorders
- Additional syndromes, Preventive neonatology

Unit VII : INTRODUCTION:

- Meaning of hospitalization to the child and family
- Communication with children
- Aspects of general care - emotional support, nutrition, play and recreation.
- Parental participation in the care of the child.
- Rehabilitation of the long term paediatric patient
- The dying child, his parents and the nurse.

Unit VIII : CHILDREN WITH NUTRITIONAL DEFICIENCY DISEASE

- Communicable diseases
- Gastro enteritis
- Fever and convulsions
- Respiratory infections
- Renal disorders
- Haematological disorders
- Heart diseases
- Mental retardation and mental illness

Unit IX : Children with surgical conditions

Unit X : Health Education to Mothers

Unit XI : Family welfare

- Developing Family planning,
- Fertility, Basic Human rights
- Medical termination of pregnancy
- Population statistics - Voluntary agencies

Suggested practicals and observations:

1. Clinical practice in maternal health setting both in the hospital and community

Methods of Teaching:

Seminars and discussions

Lectures

Demonstrations

Practice teaching and clinical teaching.

Methods of Evaluation

- Clinical performance
- Written test
- Assignments

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MANAGEMENT IN NURSING EDUCATION AND PRACTICE INCLUDING PROFESSIONAL TRENDS AND ISSUES

Placement: II year	Time allotted :
	Theory : 200 Hrs.
	Practical : 100 Hrs.

Overall objective:

On Completion of this course the M.Sc. graduate able to function as Nurse leader and Executive in an academic setting and in various practice settings.

Course Description:

The course is given in four sections:

Section 1 : Professional Issues and Trends	40 Hrs.
Section 2 : Principles of Management	70 Hrs.
Section 3 : Management of Nursing Education	40 Hrs.
Section 4 : Management of Nursing practice in various settings	50 Hrs.
Section I: Professional Issues and Trends in Nursing	40 Hrs.

Specific Objectives:

1. Appreciate the development of nursing as a profession in relation to the changing social order.
2. Explain the role and responsibilities of nurses in developing nursing as a profession
3. Functions as a change agent.

- Unit I : Definitions of Nursing
- Nursing Theories one or many
- Implementation of Nursing Diagnosis, maturation of a professional model of practice.
- Clinical specialization VS generalization and perspectives for future.
- Four essential concepts in Nursing Theory and contribution of Anthropology to Nursing.

- Unit II : Nursing Knowledge - Definition-
- Is the Nursing Research used in practice? Conceptualization of Nursing Research, Nursing science, mentership a means to desirable ends.
 - Generating Nursing knowledge who's responsibility?
 - Clinical Nursing Research - exposing Myth's
 - Emerging Nursing knowledge, new knowledge from old tips:
Problems and promises of historical inquiry in nursing.

- Unit III : Education: Education is for knowledge and practice.
- Entry into practice should the nurse be Diploma holder or B.Sc. Nurse or M.Sc. or Doctoral Degree holder?
 - Current Doctoral Education in Nursing
 - Is it medicority? or excellence.
 - Preparation of Nurse Administrators.
 - Integration of Education and Practice.

- Unit IV : - Personnel and Professional assertiveness.
- Nurse must be personally and politically active.
 - Is there career development in Nursing?
 - Strategies for changing nursing image
 - Effective utilization of the media
 - Nurses as the risk takers
 - Political action of professional power
 - Nurse in political positions

Unit V : Changing Practice;

- Is it true change? or variation or old theme?
- Role of the Nurse practitioner - Distributive or episodic care.
- Hospice - Management
- Alternative birth settings and provider
- Structure of nursing practice departments.
- Population focussed community Health Nursing and Nursing Administration- a new synthesis.

Head Nurse: Manager/ Clinician? or both? Chronic occupational distress in Nursing Home Health Nursing - Is it 8 A.M. - 4 P.M.? or any more?

- Unit VI : Quality assurance: Assure quality and competence - is it professional or institutional responsibility?

Credentials in Nursing

Legislative issues in Nursing

Nursing in consumer protection - Role of the State and Central Councils.

Accreditaion - Research based quality

Assurance - Key to excellency in Nursing JCAH - Joint Committee accreditation of Hospitals.

Unit VII : Governance;- Inherent power of Nursing

Does Nursing has the power to change the Health Care System - Consumers rights in the health Care system - collective bargaining in the hospitals.

Is it the Nurse's right - or professional association's responsibility?

Collective bargaining among faculty.

Unit VIII : Cost Effectiveness - Economics in Nursing.

Can health care cost be contained Nursing responsibilities.

Cost effectiveness of computerization is in Nursing practice and administration.

Implication for Nursing Practice and Cost effectiveness of continuing education.

Unit IX : Role conflict - Overcoming the sources of conflict

Why does 'reality shock' still continue?

Can faculty meet role expectations?

Public Policy issues will they be resolved?

Unit X : Cultural Diversity

Gaining an awareness of cultural diversity

Does nursing discriminate?

Trans-cultural nursing

Men in Nursing

International Nursing

(Role fo ICN and WHO)

Unit XI : Ethics

Nursing's ethical dilemma

Truth Telling - Euthanasia - Legal

Perspective, Abortion - Women's health

Role of a Nurse in Technological advance and ethical dilemmas

Can we afford technology?

Catastrophic long term and indigent care

Unit XII : Future Directions for Nursing.

Section II General Principles of Management

50 Hrs.

Specific Objectives:

At the end of the course, the graduate Nurse is able to

1. Describe philosophics, concepts, theories, Principles and current trends related to management process.
2. Analyse the componets of management process

3. Asses the behaviour of an individual in leadership position and identify leadership styles.
4. Describe the organizational patterns, theories and structure.
5. Explain methods and principles of decision making.
6. Describe the environmental variables affecting management.
7. Appreciate and apply the changing process
8. Analyse the legal issues in management.
9. Prepare budget for an organizations
10. Recognize the importance of creativity and innovation in management.

Unit I : Philosophies, Theories and principles of Management.

Review of basic components planning, organizing, staffing, Directing co-ordination, Budget, skills of a Manager Definition of Management.

Unit II : Concepts of Management

Current trends in management

Human Resource development

Developmental cycle

What do we want to influence

Determining maturity

Time and Development cycle

Changing Maturity through Behaviour Modification.

Building effective leadership

Increasing effectiveness

Constructive discipline - Reinforcement

Unit III : Organization patterns

Nature and purpose

Organization structure

Organizational theories

Job analysis - Job descriptions

Unit IV : Leadership Behaviour styles and Effectiveness

- Leadership process

- Adapture leader Behaviour

- Situational leadership

- Tri-dimensional leader

- Effectiveness model

Unit V : Decision making**Unit VI : Environment**

Environment variables

Theories

Motivation Hygeine Theory

Theory X and Theory Y

Transactional analysis

Ego states, a Healthy personality

Life position, Transaction between people.

Strokes, Psychological game analysis

Hauthorn studies

Increasing International competence

Unit VII : Motivation - Behaviour

Behaviour

Motives, Goals

Motivating situation

Expectency and Availability

Hierarchy of needs

Motivational Research

What do workers want from their jobs

Unit VIII : Planning and implementing change

Diagnosis of problems and need for change - analysis

Planning and implementation of change

Methods of dealing with unplanned change

Managing conflict

Organizational Development

Impact of change on the total system

Unit IX : Legal aspects in Management

Unit X : Fiscal Management

Unit XI : Policies, Power and Politics

Unit XII : Creativity and innovation

Practicum: Project Study of

Incident- Problem Solving and Decision making.

SECTION III: MANAGEMENT OF NURSING EDUCATION**Specific Objectives:** 40 Hrs.

On completion of this course the student will be able to:

1. Apply the concepts and management principles in administration of Nursing Education Programme.
2. Examine the current trends in Nursing Education programme in this country and selected countries
3. Describe the different models for organizing Schools/College of Nursing.
4. Explain the role of the nurse executive in academic setting.
5. Determine staffing requirement according to prescribed standards.
6. Apply sound management principles in relation to the welfare of the student and faculty.
7. Report on current literature related to Nursing Education programme and models suitable for India.

Unit I : Introduction

Nature of Professional education and its place in the University

Trends in Nursing Education

Issues in Higher Education in Nursing

Organization of Schools/College of Nursing

INDIAN Nursing Council and University requirements.

Unit II : The Role of the Nurse Executive

Scope of Deanship - Internal and external perspectives.

The dean as executive, scholar and Colleague

Public relations

Unit III : Administration of the Curriculum

Administrative responsibilities for development of the curriculum

Planning Clinical rotation

Evaluation of the Education programme

Unit IV : Students - Management

Recruitment and selection of students

Student Personnel services

Student Government

Guidance and Counselling programmes

Hostel Management

Unit V : Faculty

Recruitment and selection of required number of faculty

Promoting faculty competence

Faculty Welfare

Unit VI : Budget

Finance - Problems in Professional Education

Preparation of budget for Nursing School/College.

Unit VII : Physical Facilities

Minimum requirements for Schools/College Class Room and Clinical Facilities

Library Facilities

Office management - Report - Records

Unit VIII : Reports on Literature review on selected topics Examination**Practicum**

Preparing a bulleting for a School/College of Nursing

Preparing a Faculty record

Preparing a student record

Problem recognition and management in Nursing Education.

Section IV: MANAGEMENT OF NURSING PRACTICE IN VARIOUS SETTINGS**50 Hours****Specific Objectives:**

At the end of the course the graduate Nurse is able to:

1. Describe the characteristics of profession and apply the management principle in bringing change in practice of Nursing.
2. Functions as an effective leader and communicator to improve the Nursing Practice.
3. Use the organizational theories in Healthcare facilities.
4. Appraise the performance by various personal patient care.

5. Plan, prepare and execute the Budget
6. Recognize the importance of Ethical and legal aspects in nursing practice.

Unit I : Professionalization of Nursing

Occupation - Profession Continues

Theory/Relevance to Basic Social values

Training or Education period/Motivation/Autonomy/Sense of commitment/Sense of Community/Code of Ethics.

Unit II : Conceptual frame work for the Nurse Manager and leader

Defining leadership and management process

Defining roles

Predictive principles

Using principles in nursing process

Conceptual frame work - a guide to nursing care decisions.

Unit III : The Organization

Organizational Theories

Use of organizational Theories by Health care facilities

Organizational structure

Scalar chains and Functional process/

Line and staff/span of control/

Responsibility; Authority, Delegation, and Accountability

Nursing delivery system

Case method/Functional Method/Geographical catchment method)

Team nursing /Primary nursing/case management and procedure

Investment of authority

Assignment making

Measuring results

Unit IV : The leader and the group

The leader

Awareness, Assertiveness, Accountability & Advocacy the group group development/group member role group climate/

group problem/ group evaluation

Unit V : The Nurse leader and the Decision Making

Process

Types of Decisions

Judging the effectiveness of a decision

Quality/Acceptable

Decision making models

Conflict Management

Unit VI : Predictive principles of effective communication

Inter personnel and group

Perception of self and others

Reinforcement and feed back
Communication strategies
Goal setting, achievement and evaluation
Effective conference
Direction giving conferences
Patient - centred conferences
Content Conferences
Reporting Conferences General Problems
Application of Predictive
Principles in communication

Unit VII : Evaluation

Conceptual framework for evaluation types, process.
Commitment of all concerned
Standards of Practice and criteria for evaluation
Dispositional activities
Principles in Evaluation of Personnel
Self evaluation, performance appraisal,
Peer review,
Nursing audit, Professional Standards
Review organizations
Utilization Review

Unit VIII : Budgetting in Nursing Practice

Planning Preparation and Execution of Budget

Material Management

Cost accounting and effectiveness of nursing practice

Unit IX : Legal and Ethical Issues in Nursing Practice

Regulating Mechanisms

Quality assurance

Practicum: Clinical experience as Departmental head in the hospital/
Community Health Project study of an administrative
problem.

Method of teaching of Management

Lecturing - discussion

Project

Clinical Experience

Field Trips

Evaluation and Performance appraisal:

Written tests

Projects

Field trips

Reports etc.

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TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI

M.Sc., Nursing

Name of Student : _____

Year of Study : From _____ To _____

RECORD BOOK

(RECORD OF CLINICAL PRACTICE)

**As partial fulfilment of requirement for
M.Sc. Nursing in the Tamil Nadu
Dr. M.G.R. Medical University, Tamil Nadu**

This is to certify that student has undergone the Clinical Experience and fulfilled all the University requirements to appear for the University Examination in M.Sc.,

Year	Date	Signature of Dean
I. Year	_____	_____
Repeat	_____	_____
	_____	_____
	_____	_____
II. Year	_____	_____
Repeat	_____	_____
	_____	_____
	_____	_____

Practical Examinations

	DATE	Practical Examiners Signature
I. Year	_____	_____
Repeat	_____	_____
	_____	_____
	_____	_____
II. Year	_____	_____
Repeat	_____	_____
	_____	_____
	_____	_____

I. ADVANCED CLINICAL NURSING**1. Nursing Process Application**

10.....

	Nursing Diagnosis	Date		Signature of Supervisor
		From	To	
1.1				
1.2				
1.3				
1.4				
1.5				
1.6				
1.7				
1.8				
1.9				
1.10				

2. Clinical presentation

2.1

2.2

2.3

2.4

3. Attendance at Clinical presentation.

- 3.1
- 3.2
- 3.3
- 3.4
- 3.5

4. Extended role of Nurse activities.

- 4.1
- 4.2
- 4.3
- 4.4
- 4.5

5. Seminar presentations

- 5.1
- 5.2

(NURSING CARE PROBLEM)

Project :

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SECOND YEAR

Clinical Speciality : _____

Branch : _____

I. Clinical Speciality (Branch)

1. Clinical Experience	Hours	450
2. Nursing process application (care for 10 patients)		10
3. Clinical Presentation (on different issue of care Attendance		5 5
4. Class Room Teaching		4
5. Field Visit		2
6. Clinical Demonstration (students)		10
Clinical Instruction		4
	I Year	2
	II Year	2
7. Seminars		2

I. CLINICAL SPECIALITY :

1. Clinical Experience Hours _____

2. Nursing Process applicationNursing diagnosingDATESignature

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

2. Clinical Presentation an different issues of care (5)

2.1

2.2

2.3

2.4

2.5

3. Attend Presentation : (5)

3.1

3.2

3.3

3.4

3.5

4. Class Room Teaching (4)

- 4.1
- 4.2
- 4.3
- 4.4

5. Field Visits (2)

- 5.1 6.....
- 5.2

6. Clinical Demonstrations to students (4)

<u>Demonstration</u>	<u>Date</u>	<u>Signature</u>
6.1		
6.2		
6.3		
6.4		

7. Clinical Instruction :

I Year B.Sc.	_____
II Year B.Sc.	_____
III Year B.Sc.	_____
IV Year B.Sc.	_____

8. Seminars :

<u>TOPIC</u>	<u>DATE</u>	<u>Signature of Supervisor</u>
Signature of the Professor		M.O.D.

II. Management in Nursing Education and Nursing Practice including Professional Trends - Issues :

	Minimum
1. Seminars	10
2. Reports of field trips	3
3. Preparation of Prospectus (B.Sc.)	
4. Preparation of faculty record	
5. Preparation of student permanent Record	
6. Preparation of Health Record	
7. Preparation of Transcripts	

Project : Selected Management Problem

III. Dissertation approved :

Topic : _____

Advisors : _____

Date of approval : _____

Viva Voce Examiners :

I Year

II. Education Including Nursing Education

I. Seminars :

	Topic	Date	Signature
1.1
1.2
1.3

2. Guidance and Counselling :

No. of students	Disc. Verbatum & presentation	Date	Signature of the supervisor
2.1
2.2
2.3

3. Curriculum Construction :

3.1 Philosophy statement

3.2 Syllabus (B.Sc)

3.3 Master Plan

- 3.4 Clinical Rotation Plan

4. Teaching Methods

Class room teaching

Date

Signature of
Supervisor

4.1
4.2

4.11 Ward Teaching (4)

4.12

4.13

4.16

4.17

4.20 Preparation of the student for Word Teaching (2)

4.21

4.22

4.26 Preparation of A.V. Aids

4.27

5. Evaluation**Date****Signature**

5.1 Preparation of Question Paper I

5.2 Preparation of Question Paper II

5.3 Clinical Evaluation of the Students

1st Year

2nd Year

3rd Year

4th Year

Signature of Professor : _____

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Field Trips

	<u>Place of the trip</u>	<u>Date</u>	<u>Signature of Supervisor</u>
1.1			
1.2			
1.3			

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VIII. Project :

<u>Name of the Project</u>	<u>Date</u>	<u>Signature of the Supervisor</u>
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Biostatistics and Research methods Nursing Research

Critical Analysis of studies

4

Dissertation _____

(Presented date)

Signature of Professor : _____

This is to certified that student has undergone the above practice and eligible to appear for Practical Examination.

DEAN / PRINCIPAL.