

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR



MASTER OF SCIENCE IN NURSING

Course CODE 273

MSc. Child Health (Paediatric) Nursing

2016 Scheme

LOG BOOK

(Record of Theory and Practical assignments)

MASTER OF SCIENCE IN NURSING

MSc. Child Health (Paediatric) Nursing

AIM

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

OBJECTIVES

On completion of the 2 year M.Sc Nursing programme, the graduates will be able to:-

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth.
11. Demonstrate advanced skills and competence in the nursing management of children with medical and surgical conditions in various settings.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of child health nursing.
13. Describe the recent advancements in the field of child health nursing.
14. Explain the legal and ethical issues pertaining to child health nursing.
15. Function as child health nurse specialist and practitioner.

CERTIFICATE

Certified that this is a bonafide record of practical work of Mr/Miss/Mrs.....in I year MSc nursing programme during the period from.....to..... and submitted towards the partial fulfilment of requirement for MSc nursing in Kerala University of Health Sciences, Thrissur, Kerala.

Name and signature of the Student:.....

Name and signature of the Coordinator:.....

Name and signature of the Principal:.....

College seal

CERTIFICATE

Certified that this is a bonafide record of practical work of Mr/Ms/
Mrs.....in II year MSc nursing
programme during the period from.....to..... and
submitted towards the partial fulfilment of requirement for MSc nursing in Kerala University
of Health Sciences, Thrissur, Kerala.

Name and signature of the Student.....:

Name and signature of the Co-ordinator:.....

Name and signature of the Principal:.....

College Seal

I YEAR

Date of Commencement:-

Date of Completion:-

Sl. No	Subject	Theory	Practical	Total
1.	Nursing Education	150	150	300
2.	Advanced Nursing Practice	150	500	650
3.	Nursing Research and Statistics	150	100	250
4.	Child Health (Paediatric) nursing I	150	900	1050
	Total	600	1650	2250

Nursing Education

Signature:

External Examiner

Internal Examiner

Clinical Speciality I

Signature:

External Examiner

Internal Examiner

NURSING EDUCATION

Course Description

This course is designed to assist students to develop a broad understanding of fundamental principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of nursing educational programmes.

Objectives

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

1. Explain the aims of education, philosophies, trends in education and its impact on nursing education.
2. Describe the teaching learning process.
3. Prepare and utilize various instructional media and methods in teaching learning process.
4. Demonstrate competency in teaching, using various instructional strategies.
5. Critically analyze the existing nursing educational programmes, their problems, issues and future trends.
6. Describe the process of curriculum development and the need and methodology of curriculum change, innovation and integration.
7. Plan and conduct continuing nursing education programme.
8. Critically analyze the existing teacher preparation programmes in nursing.
9. Demonstrate skill in guidance & counselling.
10. Describe the problems & issues related to administration of nursing curriculum including selection and organization of clinical experience.
11. Explain the development of standards and accreditation process in nursing education programmes.
12. Identify research priorities in nursing education.
13. Discuss various models of collaboration in nursing education and services.
14. Explain the concept, principles, steps, tools and techniques of evaluation.
15. Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

NURSING EDUCATION

ASSIGNMENTS – THEORY

Sl. No	Assignment	Conducted on	Supervisor
1.	Framing philosophy and objectives of nursing educational institution		
2.	Course Plan		
3.	Unit Plan		
4.	Lesson Plan		
5.	Rotation Plan (Master rotation, clinical rotation)		

Sl. No	Assignment	Conducted on	Supervisor
6.	Critique of nursing programmes		
7.	Preparation of evaluation tools		
8.	Seminars		
9.	Construction of Test		

Sl. No	Assignment	Conducted on	Supervisor
10	Annotated bibliography		
11	Project		
12	Others if any		

NURSING EDUCATION

ASSIGNMENTS-PRACTICAL

Sl. No	Assignment	Conducted on	Supervisor
1.	Micro Teaching		
2.	Practice Teaching(different teaching strategies)		
a	Lecture cum discussion		

Sl.no	Assignment	Conducted on	Supervisor
b.	Demonstration		
c.	Others		

Sl.no	Assignment	Conducted on	Supervisor
3	Organisation/attendance of workshop		
4	Preparation of learning resource material		
5	Other assignments		

NURSING RESEARCH

Course Description

The course is designed to assist the students to acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

Objectives

At the end of the course, the students will be able to:-

1. Recognize the significance of research in nursing and its importance in evidenced-based nursing practice.
2. Identify the steps of quantitative and qualitative research.
3. Discuss the ethical aspects of research.
4. Review literature utilizing various resources.
5. Identify researchable problems in nursing.
6. Demonstrate skill in planning and conducting research studies.
7. Communicate research findings.
8. Utilize research findings.
9. Critically evaluate research reports and articles.
10. Write scientific paper for publication.

NURSING RESEARCH

ASSIGNMENTS-THEORY

Sl.no	Assignment	Conducted on	Supervisor
1.	Seminars/Presentation		
2.	Annotated bibliography		
3.	Conferences/ Workshops attended if any:-		

NURSING RESEARCH

ASSIGNMENTS-PRACTICAL

Sl. No	Assignments	Conducted on	Supervisor
1	Review of literature on a selected Topic		
2	Formulation of research question/statement Objectives Hypotheses		
3	Conceptual framework/Theoretical framework		

Sl. No	Assignments	Conducted on	Supervisor
4	Critiquing of research report		
5	Development and presentation of research proposal		
6	Journal presentation – Research Articles		
7	Preparation of scientific paper		
8.	Others		

Name and Signature of the subject Co-ordinator :

STATISTICS

Course Description

At the end of the course, the students will be able to develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

Objectives

At the end of the course students will be able to:-

1. Explain the basic concepts related to statistics.
2. Describe the scope of statistics in health and nursing.
3. Organize tabulate and present data meaningfully.
4. Use descriptive and inferential statistics to predict result.
5. Draw conclusions of the study and predict statistical significance of the result.
6. Describe the vital health statistics and their use in health related research.
7. Use statistical packages for data analysis.

STATISTICS

ASSIGNMENTS

Sl. No	Assignments	Conducted on	Supervisor
1.	Calculation of mean, mode, median & standard deviation		
2.	Calculation of chi square, 't' test , ANOVA & correlation		
3.	Practice in using statistical package		

Name and Signature of the subject Co-ordinator:

ADVANCED NURSING PRACTICE

Course Description

The course is designed to develop an understanding of concepts and constructs of theoretical basis of advanced nursing practice and critically analyze different theories of nursing and other disciplines.

Objectives

At the end of the course the students will be able to: -

1. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
2. Identify latest trends in nursing and the basis of advanced nursing practice.
3. Explain bio-psycho-social dynamics of health, life style and health care delivery system application.
4. Discuss concepts, principles, theories, models and approaches relevant to nursing and their application.
5. Perform extended and expanded role of nurse.
6. Describe alternative modalities of nursing care.
7. Describe the concept of quality control in nursing.
8. Identify the scope of nursing research.
9. Use computer in patient care delivery system and nursing practice.
10. Appreciate the importance of self development and professional advancement.
11. Provide holistic and comprehensive care following nursing process approach.

ADVANCED NURSING PRACTICE

ASSIGNMENTS-THEORY

Sl. No	Assignments	Conducted on	Supervisor
1.	Seminars/Presentations		
2.	Demonstrations		

ADVANCED NURSING PRACTICE-PRACTICAL

Clinical Objectives

On completion of the clinical posting in advanced nursing practice, the students will be able to:-

1. Perform health assessment and general physical examination.
2. Provide holistic and comprehensive care, following nursing process approach.
3. Apply nursing theories in providing holistic care to patients.
4. Demonstrate skill in using specialized equipments in the care to patients.
5. Develop and demonstrate managerial skill in rendering quality patient care.
6. Participate in the teaching-learning activities of nursing students.
7. Utilize opportunities effectively for personal and professional development.

ASSIGNMENTS-PRACTICAL

Sl. No	Assignments	Conducted on	Supervisor
1.	Case studies (Medical, Surgical)		
2.	Care analysis (Medical, Surgical)		
3.	Clinical presentations		
4.	Theory based care plan		

Sl. No	Assignments	Conducted on	Supervisor
5	Performance of advanced clinical Procedures (Refer Syllabus)		
6	Presentation of comparative pictures of theories		

Name and Signature of Subject Co-ordinator

CLINICAL SPECIALTY – I
CHILD HEALTH (PAEDIATRIC) NURSING-I

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Child Health Nursing. It will help students to appreciate the child as a holistic individual and develop skill to function as neonatal and child health nurse specialist. It will further enable the student to function as educator, manager, and researcher in the field of Pediatric nursing.

Objectives

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

1. Appreciate the history and developments in the field of child health and child health nursing as a specialty.
2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
3. Perform physical, developmental, and nutritional assessment of pediatric clients
4. Apply nursing process in providing nursing care to neonates & children
5. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
6. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing
7. Describe various recent technologies and treatment modalities in the management of high risk children.
8. Incorporate evidence based nursing practice and identifies the areas of research in the field of pediatric/neonatal nursing
9. Recognize the role of pediatric nurse practitioner as a member of the pediatric and neonatal health team.
10. Teach pediatric nursing to undergraduate students & in-service nurses.

CHILD HEALTH (PAEDIATRIC) NURSING-I

ASSIGNMENTS-THEORY

Sl. No	Assignments	Conducted on	Supervisor
1.	Seminars		
2	Written assignment(Group work)		
3	Workshops/Conferences attended if any:-		

Clinical Objectives

At the end of the clinical experience students:

1. Assess the growth and development of children of various age groups and detect deviations from normal, in the hospital and community.
2. Recognize the development and behavioural problems of children and involve in their care.
3. Identify the common neonatal problems and high risk conditions and develop skill in rendering comprehensive care to such children.
4. Apply the knowledge of growth and development in giving comprehensive care to the child in hospital and community.
5. Apply the concept of nursing process and theories in rendering family centered care.
6. Provide planned and incidental health teaching to child and family.
7. Participate in immunization programmes
8. Demonstrate leadership qualities in rendering quality care in various child health care settings.
9. Identify the areas of research in child health nursing.
10. Participate in clinical teaching and supervision of under graduate nursing students.

ASSIGNMENTS-PRACTICAL

Sl. No	Assignments	Conducted on	Supervisor
1.	Growth & Development Assessment New born: Term/Preterm Infant Toddler Preschooler Schooler		
2.	Care study- neonatal		
3.	Care Analysis		
4.	Clinical presentations		

Sl. No	Assignments	Conducted on	Supervisor
5.	Health education		
6	Nutritional Assessment		
7.	Dehydration Assessment		
8.	Term paper		
9	Drug file		
10	Project		

Sl. No	Assignments	Conducted on	Supervisor
11.	Perform Care of new born at birth Assessment and classification of sick neonates / children according to IMNCI Care of high risk neonates <ul style="list-style-type: none"> • Photo therapy • Radiant warmer • Feeding • KMC • Infusion pump Immunisation Neonatal Resuscitation		
12.	Assist in Exchange Transfusion Chest tube insertion Arterial Catheterization Neonatal Surgeries		

Name and Signature of the Subject co-ordinator:

Signature of the Examiner:

Internal Examiner:

External Examiner

II YEAR

Date of Commencement

Date of completion

Sl. No	Subject	Theory	Practical	Total
1.	Management in Nursing	150	200	350
2.	Nursing Research (Dissertation)		300	300
3.	Child Health (Paediatric)Nursing II	150	1450	1600
	Total	300	1950	2250

Dissertation viva

Signature:

External Examiner

Internal Examiner

Clinical Specialty-II

Signature:

External Examiner

Internal Examiner

MANAGEMENT IN NURSING

Course Description

This course is designed to assist students to develop a broad understanding of principles, concepts, trends and issues related to nursing management. Further it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services.

Objectives

On completion of the course, students will be able to:-

1. Formulate the philosophy and objectives of the health care institutions at various levels.
2. Identify trends and issues in nursing.
3. Discuss public administration, health care administration and nursing administration.
4. Describe the principles of administration applied to nursing
5. Explain the organization of health and nursing services at the various levels/institutions.
6. Discuss the planning, supervision and management of nursing work force for various health care settings.
7. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
8. Identify and analyze legal and ethical issues in nursing administration
9. Describe the process of quality assurance in nursing services.
10. Demonstrate leadership in nursing at various levels.
11. Organize staff development programme.

MANAGEMENT IN NURSING

ASSIGNMENTS-THEORY

Sl. No	Assignments	Conducted on	Supervisor
1.	Seminars/Presentations		
2.	Written Assignments a) Vision and mission of the hospital b) Philosophy and objectives of a hospital		

Sl. No	Assignments	Conducted on	Supervisor
	c) Job description-Nursing personnel d) Development of protocols for various units e)Performance appraisal format-Staff Nurses		

Conferences & Workshops attended if any:-

MANAGEMENT IN NURSING –PRACTICAL

Clinical Objectives

1. Prepare vision, mission statement of your institution
2. Draw the organization chart of your institution
3. Prepare duty roster for the unit.
4. Prepare performance appraisal format for staff nurse and Head nurse.
5. Draw the physical layout of the unit.
6. Prepare budget estimate of Nursing department of your hospital
7. Prepare job description for nursing personnel.
8. Calculate staff requirement for one year (INC).
9. Develop protocols for various wards.
10. Conduct nursing rounds and teach the students in the clinic.
11. Organize and conduct staff development programme& nursing care conference.
12. Develop leadership skills:
13. Demonstrate skill in problem solving.

ASSIGNMENTS –PRACTICAL

Sl. No	Assignments	Conducted on	Supervisor
1.	Nursing rounds		
2.	Clinical teaching of students		
3.	Staff development programme		
4.	Nursing care conference		
5.	Identification & solution of a problem in a nursing unit.		

Name and Signature of the Subject Co-ordinator:

CLINICAL SPECIALTY-II
CHILD HEALTH (PAEDIATRIC) NURSING –II

Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of paediatric nursing. It will help students to develop advanced skills for nursing intervention in various paediatric medical and surgical conditions. It will enable the students to function as paediatric nurse practitioner/specialist. It will further enable the students to function as an educator, manager and researcher in the field of paediatric nursing.

Objectives

At the end of the course the students will be able to:-

1. Identify the current and future roles of paediatric nurse in various settings.
2. Describe the epidemiology, aetiology, pathophysiology and diagnostic procedures in different disease conditions in children.
3. Explain appropriate assessment techniques for determining various disease conditions affecting children.
4. Identify current concepts and practices in the management of children with different disease condition.
5. Describe the common childhood emergencies and its management.
6. Identify areas of research in the field of child health nursing.

ASSIGNMENTS-THEORY

Sl. No	Assignments	Conducted on	Supervisor
1.	Seminars/Presentations		
2.	Written Assignments/ Group work		

Conferences & Workshops attended if any:-

CLINICAL OBJECTIVES

1. Develop skill in nursing assessment of children with various disease conditions.
2. Demonstrate advanced skill/competence in the nursing management of children with medical and surgical problems.
3. Provide comprehensive nursing care to children in various settings using appropriate framework.
4. Demonstrate skill in using specialized equipments used in the care of children.
5. Recognize various paediatric emergencies and provide appropriate management.
6. Identify and management various neonatal emergencies.
7. Prepare a design and layout of paediatric ICU/Neonatal ICU.
8. Utilize research findings in rendering quality care to children.
9. Participate in the teaching learning activities of nursing students.

ASSIGNMENTS –PRACTICAL

Sl. No	Assignments	Conducted on	Supervisor
1.	Perform the following procedure a. Airway management b. Oxygen administration c. CPAP (Continuous positive airway pressure) d. Care of child in ventilator		
2.	Assist in Invasive procedure:		
3.	Assist in paediatric surgery		
4.	Care analysis(Medical, Surgical)		

Sl. No	Assignments	Conducted on	Supervisor
5.	Clinical Profile		
6.	Clinical Presentation		
7.	Clinical Teaching		
8.	Term paper		

9.	Theory based care plan		
10.	Project – PALS		
11.	Drug File		
12.	Prepare layout of PICU/NICU		
13.	Organisation of in-service education		

Name and Signature of the subject Co-ordinator:

Signature of the examiners:

Internal Examiner:

External Examiner: