

Syllabus

for Courses affiliated to the

Kerala University of Health Sciences

Thrissur 680596



MASTER OF SCIENCE IN NURSING

M.Sc. Obstetric & Gynaecological Nursing

Course Code 275

(2016-17 admission onwards)

2016

2. COURSE CONTENT

2.1 Title of course:

MASTER OF SCIENCE IN NURSING – Obstetric & Gynaecological Nursing

2.2 Aim and Objectives of the Course

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. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.

13. Describe the recent advancement in contraceptive technology and birth control measures.
14. Explain the legal and ethical issues pertaining to obstetric and gynaecological nursing.
15. Function as independent midwifery nurse practitioner

2.3 Medium of instruction:

Medium of instruction shall be English

2.4 Course outline

1 year	Theory (hrs)	Practical (hrs)
Nursing Education	150	150
Advanced Nursing Practice	150	500
Nursing Research and Statistics	150	100
Obstetrics & Gynaecological		
Nursing-I	150	900
Total	600	1650
II Year	Theory (hrs)	Practical (hrs)
Nursing Management	150	200
Nursing Research (Dissertation)	-	300
Obstetric & Gynaecological		
Nursing -II	150	1450
Total	300	1950
Grand Total	900	3600

2.5 Duration

Duration of the course is for 2 years.

Weeks/year	: 52 weeks
Leave	: 3 weeks (20 days)
Preparation and Exam	: 2 weeks
Total weeks available	: 47 weeks
Total hours/week	: 48 hours
48 hoursX47weeks	: 2256 hour/year

2.6 Syllabus

As given under “Content of each subject in each year”

The concept of Health Care Counselling shall be incorporated in all relevant areas.

2.7 Total number of hours

As given under “Content of each subject in each year”

2.8 Branches if any with definition

Not Applicable

2.9 Teaching learning methods

As given in “Content of each subject in each year”

2.10 Content of each subject in each year

FIRST YEAR M.Sc NURSING
NURSING EDUCATION

Placement: Ist Year

Hours of Instruction

Theory 150 Hours
Nursing Faculty-115
External Faculty- 35
Practical 150 Hours
Total: 300 Hours

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 various nursing educational programs.

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 programs, 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 programs.
8. Critically analyze the existing teacher preparation programs in nursing
9. Demonstrate skill in guidance and counselling.
10. Describe the problems and issues related to the implementation of nursing curriculum including selection and organization of clinical experience.
11. Explain the development of standards and accreditation process in nursing education programs.

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.

Course Content

Unit	Theory Hours	Content
I	10	<p>Introduction</p> <ul style="list-style-type: none"> □ Education :Definition, aims, concepts, philosophies, Formulation of philosophy & their implications on education (Review) □ Impact of Social, economical, political & technological changes on education. □ Professional education □ Current trends and issues in education □ Educational reforms and National Educational Policy, various educational commissions-reports <p>Nursing education- Definition, aims, philosophy Trends in development of nursing education in India -ANM, GNM, Basic B.Sc. Nursing, Post Basic B.Sc. Nursing, M.Sc(N) programs, M.Phil and Ph.D in Nursing, Post basic diploma programs, Nurse practitioner programs.</p>
II	20	<p>Curriculum Development Definition, curriculum determinants, process and steps of curriculum development, Types and framework.</p> <ul style="list-style-type: none"> □ Educational Objectives - types, domains, levels, elements and writing of educational objectives, □ selection of learning experiences □ Organization of learning experiences; master plan, course plan, unit plan, Lesson Plan. □ Evaluation strategies, process of curriculum change, role of students, faculty, administrators, statutory bodies and other stakeholders. □ Evaluation of educational programs in nursing- course and program. □ Equivalency of courses : Transcript , credit system.

<p>III</p>	<p>20 *EF 10</p>	<p>Teaching – Learning Process</p> <ul style="list-style-type: none"> □ Concepts of teaching and learning: Definition, principles ,theories of teaching and learning, relationship between teaching and learning □ Competency based education, outcome based education(OBE) □ Instructional strategies – Lecture, Discussion, Demonstration, Simulation, Laboratory Method, Seminar, Panel, Symposium, Problem solving, Workshop, Project, role- play (sociodrama) (Review) Microteaching. Innovative Strategies Problem Based Learning (PBL), programmed instruction, Self Directed learning(SDL), Computer Assisted Instruction(CAI), Computer Assisted Learning (CAL), Clinical teaching methods. brain storming, integrated teaching, team teaching Class room management and transactional analysis □ Teacher - Roles & responsibilities, functions characteristics, competencies, qualities. □ Preparation of professional teacher □ Organizing professional aspects of teacher preparation programs. □ Critical analysis of various programs of teacher education in India
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<p>IV</p>	<p>40</p> <p>EF20</p>	<p>Evaluation:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Concept and nature of measurement and evaluation, meaning, process, purposes, problems in evaluation and measurement, Principles of evaluation(review) characteristics-objectivity, validity, reliability, usability <p>Formative and summative evaluation.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Internal assessment, external examination. criterion and norm referenced evaluation, <input type="checkbox"/> Evaluation strategies-meaning, characteristics. <input type="checkbox"/> Construction of test, administration of test , scoring, grading Vs marks. <input type="checkbox"/> Item analysis <p>Non-standardized tests :</p> <ul style="list-style-type: none"> <input type="checkbox"/> Essay, short answer questions and multiple choice questions, True & False, Completion.Tools of Evaluation-Rating scales, checklist,Objective Structured Clinical Examination (OSCE) , Objective Structured Practical Examination (OSPE),Viva Examination <input type="checkbox"/> Differential scales, and Summated scales, Sociometry, Anecdotal record, Attitude scale, critical incident technique. <input type="checkbox"/> Question bank-preparation, validation, moderation by panel. <p>Standardized Tools</p> <ul style="list-style-type: none"> <input type="checkbox"/> Tests of intelligence attitude, aptitude, interest, personality, achievement, socio-economic status scale, tests for special mental and physical abilities and disabilities. <input type="checkbox"/> Teacher Evaluation-Strategies
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V	15	<p>Instructional Media & Methods</p> <ul style="list-style-type: none"> <input type="checkbox"/> Key concepts in the selection and use of media in education <input type="checkbox"/> Developing learning resource material using different Media. <input type="checkbox"/> Instructional aids – types, uses, selection, preparation, utilization. <input type="checkbox"/> Teacher’s role in procuring and managing <input type="checkbox"/> instructional Aids – Projected and non-projected aids, multi media, video-tele conferencing etc
VI	10	<p>Continuing Education in Nursing</p> <ul style="list-style-type: none"> <input type="checkbox"/> Concepts – Definition, importance, need, scope, principles of learning, assessments of learning needs, priorities, resources. <input type="checkbox"/> Program planning, implementation and evaluation of continuing education programs. <input type="checkbox"/> Research in continuing education. <input type="checkbox"/> Distance education in nursing
VII	5 EF5	<p>Guidance and counseling</p> <ul style="list-style-type: none"> <input type="checkbox"/> Concept, principles, need, difference between guidance and counseling (Review). <input type="checkbox"/> Trends and issues in Guidance and counseling. <input type="checkbox"/> Guidance and counseling services: diagnostic and remedial.
		<ul style="list-style-type: none"> <input type="checkbox"/> Coordination and organization of services. <input type="checkbox"/> Techniques of counseling : Interview, case work, Characteristics of

		counselor, problems in counseling. Professional preparation and training for counseling
VIII	25	<p>Management of nursing educational institutions</p> <ul style="list-style-type: none"> <input type="checkbox"/> Recruitment, discipline, public relation, performance appraisal, welfare services, library services, hostel. <input type="checkbox"/> <p>Role of curriculum coordinator – planning , implementation & Evaluation</p> <ul style="list-style-type: none"> <input type="checkbox"/> Evaluation of educational programs in nursing- course & Program <input type="checkbox"/> Factors influencing faculty staff relationship and techniques of working together <input type="checkbox"/> Concept of faculty supervisor (dual) position. <input type="checkbox"/> Curriculum research in nursing. <p>Different models of collaboration between education and service</p>

IX	5	<p>Quality in Nursing Education</p> <p>Development and maintenance of standards and accreditation in nursing education programs. Role of Indian Nursing Council, State Registration Nursing Councils, Boards and University.</p>
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* External Faculty (EF)

Activities

- Framing philosophy, aims and objectives.
- Lesson Planning.
- Micro teaching-2.
- Conduct practice teachings using different teaching strategies -10
(Like lecture cum discussion, demonstration- lab method, field trips, seminars, project, role play, panel discussion, clinical methods etc)
- Preparation and utilization of instructional Aids using different media.
- Develop course plans, unit plans, rotation plans.
- Conduct a continuing education workshop.
- Annotated bibliography.
- Critical evaluation of any nursing education program offered by a selected institution.
- Planning and Organizing field visits.
- Construct, administer and evaluate tools (objective & essay type test, observation checklist, rating scale etc)
 - Observe and practice application of various non-standardized tests, (intelligence, Aptitude, Personality, Sociometry, physical & mental disabilities tests.)

Methods of Teaching

- Lecture cum discussion
- Demonstration/ Return demonstration
- Seminar / Presentations
- Project work
- Field visits
- Workshop

Methods of evaluation

- Tests
- Presentation
- Project work

Assignments –Theory

Lesson plan-2,courseplan -1,unit plan 2,rotation plan-2(master plan,clinical rotation)

Evaluation tool-construction,administration and evaluation(Essay,objectivetype,ratingscale,checklist)

Construction of an achievement test

Practical

Practice teaching using different strategies (lecture cum discussion-5,demonstration-2,seminar-1,clinicalteaching -2,symposium/role play/panel discussion)

Internal Assessment (Theory)

	Weightage
Sessional exams (3)	50%
Assignments	25%
Seminar/presentation	25%
Total	100%

Practical – Internal assessment

Preparation of Learning resource material &	25%
Construction of tests/rotation plan.	
Practice Teaching	50%
Conduct Workshop /Short Term Course	25%
Total	100%

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ADVANCED NURSING PRACTICE

Placement: 1st Year

Hours of Instruction

Theory: 150 Hours

External Faculty:-30hrs

Nursing Faculty:-120hrs

Practical: 500 Hours

Total : 650 Hours

Course Description

The course is designed to develop an understanding of concepts and constructs of theoretical basis of advance 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.
4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. Perform health assessment and General physical examination
6. Provide holistic and comprehensive care following nursing process approach
7. Perform extended and expanded role of nurse.
8. Describe alternative modalities of nursing care.
9. Describe the concept of quality control in nursing.
10. Identify the scope of nursing research.
11. Use computer in patient care delivery system and nursing practice.
12. Appreciate importance of self development and professional advancement.

COURSE CONTENT

Unit	Hours	Content
I	8	<p>Nursing as a Profession</p> <ul style="list-style-type: none"> <input type="checkbox"/> Review: History and development of nursing profession, Perspectives <p>of Nursing Profession-National, global</p> <ul style="list-style-type: none"> <input type="checkbox"/> Code of ethics, code of professional conduct, autonomy and Legal considerations <input type="checkbox"/> Evidence Based Nursing Practice <input type="checkbox"/> Progressive Patient Care <input type="checkbox"/> Futuristic nursing. <input type="checkbox"/> Quality assurance in Nursing
II	5	<p>Health care delivery</p> <ul style="list-style-type: none"> <input type="checkbox"/> Health care environment, Health economics <p>Health care policy -National, State</p> <ul style="list-style-type: none"> <input type="checkbox"/> Policy and politics in Nursing <input type="checkbox"/> Health care delivery system- national, state, district and local level. <input type="checkbox"/> Major stakeholders in the health care system-Government, NGOs etc <input type="checkbox"/> Patterns of nursing care delivery in India. <input type="checkbox"/> Health care delivery concerns <input type="checkbox"/> National health and family welfare programs:(Review) <input type="checkbox"/> Information, education and communication (IEC). <p>Tele-medicine.</p>
111	20	<p>Philosophy and Theories of Nursing</p> <ul style="list-style-type: none"> <input type="checkbox"/> Values, Conceptual models, approaches. <input type="checkbox"/> Nursing theories: Nightingale's, Hendersons's, Roger's, Peplau's, Abdella's, Lewine's, Orem's, Johnson's, King's, Pender's Neuman's, Roy's, Watson , and their applications <p>Health promotions and health belief models</p>

		<input type="checkbox"/> Evidence based practice model.
1V	12 *EF8	Clinical Assessment-History taking and physical examination
V	6	Nursing process Review: Identification of health-illness problems, health behaviors, Methods of data collection, analysis and utilization of data relevant to nursing process. Formulation of nursing care plans, health goals, Implementation, modification and evaluation of care.
V1	15 EF10	Genetics <ul style="list-style-type: none"> <input type="checkbox"/> Molecular basis of the gene and transmission of genetic information <input type="checkbox"/> Recombination, Mutation, Pedigree analysis <input type="checkbox"/> Mapping the Human genome – Genome project. <input type="checkbox"/> Approaches to common genetic disorders-Monogenic and polygenic <input type="checkbox"/> Genetic testing – basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis & screening, <input type="checkbox"/> Ethical, legal & psychosocial issues in genetic testing. <input type="checkbox"/> Genetic counseling. <input type="checkbox"/> Practical application of genetics in nursing.
V11	4 EF2	Epidemiology <ul style="list-style-type: none"> <input type="checkbox"/> Review :Epidemiological approach and methods <input type="checkbox"/> Concepts of causation of diseases and their screening, <input type="checkbox"/> Application of epidemiology in health care delivery <input type="checkbox"/> Health surveillance and health informatics <input type="checkbox"/> Role of nurse
V111	30	Bio-Psycho social pathology <ul style="list-style-type: none"> <input type="checkbox"/> Review: Pathophysiology and Psychodynamics of disease causation Life processes from birth to old age,ageingprocess,geriatric considerations in nursing, Psychosocial dynamics in causation of disease, life style disease Common problems and management: <input type="checkbox"/> Hospital acquired Infection, Pressure sore, Oxygen insufficiency Haemodynamic monitoring Fluid and electrolyte imbalance, Acid Base imbalance, Metabolic syndrome, Immune disorders, HIV/AIDS,Hemorrhage, shock,

		Altered body temperature, Unconsciousness, Insomnia, pain, Sensory deprivation, Immobility, Anaphylaxis, Septicaemia, Cardio pulmonary arrest. ARDS, respiratory failure and mechanical ventilation, Emerging communicable diseases and biomedical waste management.
IX	15 EF5	<p>Psychological aspects and Human relations</p> <ul style="list-style-type: none"> <input type="checkbox"/> Review: Human behavior, Personality trait, Communication and interpersonal relationships, Individual / group dynamics and organizational behavior, Basic human needs <input type="checkbox"/> Human Sexuality and sexual health. <input type="checkbox"/> Stress and adaptation, crisis and its intervention, <input type="checkbox"/> Coping with loss, death and grieving, <input type="checkbox"/> Principles and techniques of Counseling.
X	10	<p>Nursing practice</p> <ul style="list-style-type: none"> <input type="checkbox"/> Framework, scope and trends. <input type="checkbox"/> Alternative modalities of care <input type="checkbox"/> Alternative systems of health and complimentary therapies. <input type="checkbox"/> Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions. <input type="checkbox"/> Health promotion and primary health care. <input type="checkbox"/> Independent practice issues, Independent nurse-midwifery practitioner. <input type="checkbox"/> Collaboration issues and models-within and outside nursing. <p>Models of Prevention</p> <ul style="list-style-type: none"> <input type="checkbox"/> Gender sensitive issues and women empowerment. <p>Disaster nursing.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Trans-cultural nursing.
XI	15	<p>Advanced nursing skills</p> <ul style="list-style-type: none"> <input type="checkbox"/> Definition, Indication and nursing implications: <input type="checkbox"/> TPN, Hemodynamic monitoring, Endo-tracheal intubation, Tracheotomy, Mechanical ventilation, Pacemaker, Hemodialysis, Peritoneal dialysis, LP, Chest physio therapy, Pleural and abdominal paracentesis, Triage, Pulse oxymetry, CPR, ACLS

10 EF5	<p>Computer applications for patient care delivery system and nursing practice</p> <ul style="list-style-type: none"> <input type="checkbox"/> Use of computers in teaching, learning, research and nursing practice. <input type="checkbox"/> Windows, MS office: Word, Excel, Power Point <input type="checkbox"/> Internet-literature search, <input type="checkbox"/> Statistical packages <input type="checkbox"/> Hospital management information system: softwares
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Legend: *EF-External Faculty

Practical – 500 Hrs

Clinical posting in the following areas:

Sl. No	Dept/Unit	No. of Weeks
1.	Medical and Surgical Wards	4
2.	ICUs	4
3.	Community Health Centre/ PHC	2
4.	Casualty	1
	Total	11

Activities

- Practice advance clinical procedures
- Prepare Care study and care plan based on nursing process and nursing theories (Medial ,Surgical)
- Care Analysis (Medial/ Surgical)
- Presentation of comparative picture of theories -2
- Clinical presentations/Clinical teaching-3

Methods of Teaching

- Lecture cum discussion
- Seminar
- Panel discussion
- Debate

- Case Presentations
- Exposure to scientific conferences

Methods of evaluation:

Tests

- Presentation
- Seminar
- Written assignments

Advance Nursing Procedures

Definition, Indication and nursing implications:

- Cardio Pulmonary Resuscitation, Total Parental Nutrition, Hemodynamic monitoring, Endotracheal intubation, Tracheostoma, mechanical ventilation, Pacemaker, Hemodialysis, Peritoneal dialysis, Lumbar Puncture, Blood Transfusion Pleural and abdominal paracentesis Operation Room techniques, Health assessment, Triage, Pulse oxymetry.

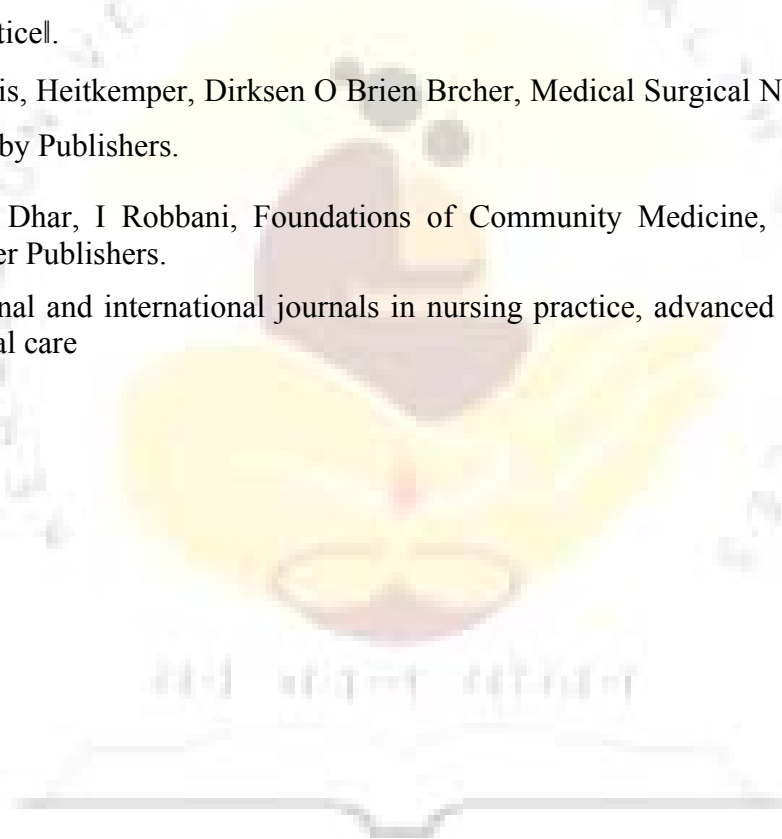
Internal Assessment

Theory	Weightage
Sessional exams (3)	50%
Assignments	25%
Seminar/presentation	25%
	100%

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NURSING RESEARCH AND STATISTICS

Placement: 1st Year

Hours of Instruction

Theory : 150 Hours

Practical : 100 Hours

Total : 250 Hours

Part A: Nursing Research

Theory: 100 Hours

Practical: 75 Hours

Total : 175 Hours

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.

General 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 evidence- 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 publications.

COURSE CONTENT:

Unit	Theory hours	Content	Practical hours	Content
I	5	<p>Introduction</p> <p>Review:</p> <ul style="list-style-type: none"> • Problem solving and scientific method. <p>Research –definition, characteristics, purposes, types of research, Basic research terms, Scope of nursing research, Overview of Research process, Significance of research in nursing, Historical Evolution of nursing research.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Future trends in nursing research. <input type="checkbox"/> Problems and challenges in nursing research, health and social research. <input type="checkbox"/> Priorities for nursing research. <input type="checkbox"/> Evidence based practice. <input type="checkbox"/> Ethics in research 		
II	5	<p>Review of Literature</p> <ul style="list-style-type: none"> • Review- <ul style="list-style-type: none"> • Importance, purposes, sources, criteria for selection of resources • Guidelines for writing literature review. 	5	Literature search-web search

III	10	Research problem: <ul style="list-style-type: none"> <input type="checkbox"/> Identification of research problem/ research question. <input type="checkbox"/> Formulation of problem statement and research objectives <input type="checkbox"/> Definition of terms <input type="checkbox"/> Assumption and delimitations <input type="checkbox"/> Identification of variables <input type="checkbox"/> Hypothesis –definition, formulation and types. 	5	1. Identification of research question. 2. Formulation of problem statement and research objectives
IV	5	Developing theoretical /conceptual framework. <ul style="list-style-type: none"> <input type="checkbox"/> Review Theories: Nature, characteristics, purpose and application in research <input type="checkbox"/> Using, testing and developing conceptual framework, models and theories. 	5	Developing theoretical /conceptual framework.
V	15	Research Approach and designs Qualitative and Quantitative, Mixed methods Qualitative research approaches: Grounded theory, phenomenology, ethnography, case study and historical research. Quantitative: Experimental and non experimental: types, characteristics, advantages and disadvantages. Randomised control design, cohort study, clinical trials		
VI	8	Sampling Population and sample. Factors influencing sampling Sampling techniques Sample size Probability and sampling error		

VII	20	<p>a) Data collection methods and Tools: Concepts of data collection, Data sources, methods/techniques quantitative and qualitative. Tools for data collection-types and characteristics</p> <p>b) Measurement and data quality Validity and reliability of tools, Characteristics of an instrument Steps in development of an instrument. Procedure for data collection</p>		
VIII	3	Critical analysis of research reports and articles	15	Critical analysis of research reports and Articles
IX	4	Developing and presenting a research proposal	5	Presenting a research proposal
X	5	Implementing research plan Pilot study, review research plan (design), planning for data collection, administration of tool/interventions, Collection of data	40	Pilot study
XI	10	Analysis and interpretation of data Plan for data analysis: quantitative and qualitative Preparing data for computer analysis and Presentation , Statistical analysis Interpretation of data Conclusion and generalizations Summary and discussion		
XII	10	Reporting and utilizing research findings: Communication of research results; oral and written Writing research report purposes, methods and style, Vancouver, American Psychological Association (APA),		

		Utilization of research findings.		
		Writing scientific articles for publication: purposes & style		

Activities:

- Annotated Bibliography of research reports and articles. -4
- Review of literature of selected topic and reporting
- Formulation of problem statement, objective and hypothesis
- Developing theoretical /conceptual framework.
- Preparation of a sample research tool.
- Analysis and interpretation of given data
- Developing and presenting research proposal
- Journal presentation-1
- Critical evaluation of selected research studies –dissertaton-1,journal article -1
- Writing a scientific paper

Methods of Teaching:

- Lecture-cum-discussion
- Seminar/Presentations
- Project
- Class room exercises
- Journal club

Methods of Evaluation:

- Quiz, Tests(Term)
- Assignments/Term paper
- Presentations
- Project work (Concerned specialty)

Internal Assessment Techniques	Weightage (15 marks)
essional exams (2)	40%
Presentations/Seminar	20%
Research critique & presentation	20%
Annotated bibliography ,assignments	20%
Total	100%

Part –B: Statistics (External Faculty)

Hours of Instruction

Theory	50Hours
Practical	25 Hours
Total	75 Hours

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

General Objectives:

At the end of the course the 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 results
5. Draw conclusions of the study and predict statistical significance of the results
6. Describe vital health statistics and their use in health related research
7. Use statistical packages for data analysis.
- 8.

Course content

Unit	Hours		Content
	Theory	Practical	
I	7	I	Introduction: <ul style="list-style-type: none"> □ Concepts, types, significance and scope of statistics, meaning of data □ Sample, parameter □ Type and levels of data and their Measurement <ul style="list-style-type: none"> □ Organization and presentation of data-Tabulation of data □ Frequency distribution □ Graphical and tabular presentations
II	4		Measures of central tendency: Mean, Median, Mode

III	4		Measures of variability: □ Range, Percentiles, Average deviation, Quartile deviation, Standard deviation
IV	3		Normal Distribution: □ Probability, Characteristics and application of normal probability curve, Sampling error
V	6		Measures of relationship: □ Correlation-need and meaning □ Rank order correlation □ Scatter diagram method, product moment correlation, Simple linear regression analysis and prediction,
VI	5		Designs and meaning: <ul style="list-style-type: none"> □ review -Experimental designs □ Comparison in pairs, randomized block design, Latin squares.
VII	8		Significance of Statistic and Significance of difference between two Statistics(Testing hypothesis) <ul style="list-style-type: none"> □ Non parametric test-Chi-square test, Sign, median test, Mann Whitney test □ Parametric test- t' test, ANOVA,
VIII	5		Use of statistical methods in psychology and education <ul style="list-style-type: none"> □ Scaling-Z Score, Z Scaling □ Standard Score and T Score □ Reliability of test scores: test-retest method, parallel forms split half method
IX	4	5	Application of statistics in health: Ratios, Rates, Trends Vital health statistics –Birth and death rates Measures related to fertility, morbidity and mortality

X	4	20	Use of Computers for data analysis Use of statistical package
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Activities:

- Exercises on organization and tabulation of data
- Graphical and tabular presentation of data
- Calculation of descriptive and inferential statistics (chi square, t-test, correlation)
- Practice in using statistical package
- Computing
- Vital health statistics

Methods of Teaching:

- Lecture-cum-discussion
- Demonstration-on data organization, tabulation, calculation of statistics, use of statistical package, Classroom exercises, organization and tabulation of data
- Computing Descriptive and inferential statistics; vital and health statistics and use of computer for data entry and analysis using statistical package

Methods of Evaluation:

- Test, Classroom statistical exercises

Internal Assessment Techniques weightage 10 marks

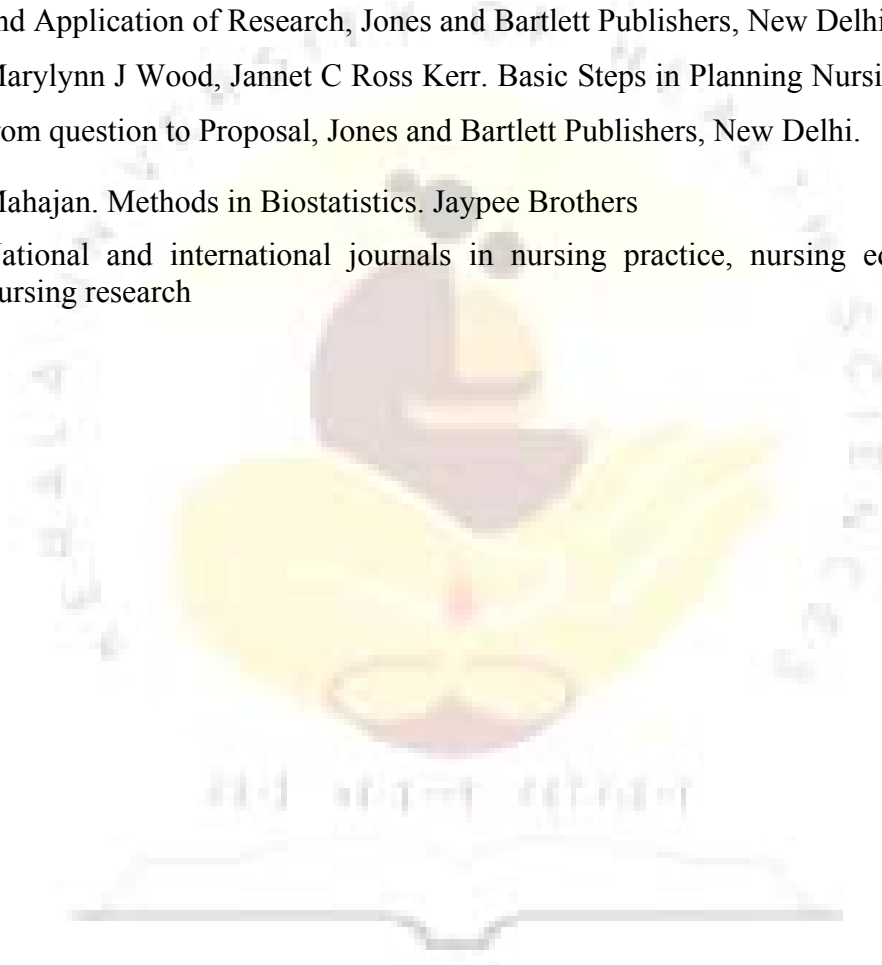
Sessional exams – (2) 100%

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- National and international journals in nursing practice, nursing education, nursing research



CLINICAL SPECIALTY - I
OBSTETRIC AND GYNAECOLOGICAL NURSING- 1

Placement: 1st year

Hours of Instruction

Theory: 150 hours
Nursing Faculty– 120 hours
External Faculty-30 hours

Practical: 900 hours
Total: 1050 hours.

COURSE DESCRIPTION

This course is designed to assist students in developing expertise and in-depth understanding in the field of Obstetric and Gynaecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynaecological nursing.

OBJECTIVES

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

1. Examine the trends in the field of midwifery, obstetrics and gynaecology as a specialty.
2. Describe the population dynamics and indicators of maternal and child health.
3. Describe current concepts in genetics and embryology.
4. Identify the role of women in the society
5. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
6. Provide comprehensive nursing care to women during reproductive period and newborns.
7. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological nursing.
8. Identify and analyze the deviations from normal birth process and refer appropriately.
9. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
10. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation

11. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
13. Describe the recent advancement in contraceptive technology and birth control measures.
14. Explain the legal and ethical issues pertaining to obstetric and gynaecological nursing.
15. Function as independent midwifery nurse practitioner

Course Content

Units	Hours	Content
I	20	<p>Introduction</p> <ul style="list-style-type: none"> □ Historical and contemporary perspectives □ Issues of maternal and child health: Age, Gender, Sexuality, sexual health, Psycho- Socio cultural factors □ Status of women in Indian Society □ Role of the women in the family & society □ Women empowerment □ Preventive obstetrics □ National health and family welfare programmes related to maternal and child health: health Care delivery system. □ National Health Mission-Reproductive child health. □ Theories, models and approaches applied to midwifery practice. □ Role and scope of midwifery practice: Independent Nurse midwifery practitioner.. □ Legal and Ethical issues, code of ethics and standards of midwifery practice, standing orders □ Evidence based midwifery practice □ Research priorities in Obstetric and Gynaecological nursing. □ Complementary therapies in obstetric practice.

<p>II</p>	<p>15 (EF 5)</p>	<p>Human reproduction - Review:-</p> <ul style="list-style-type: none"> <input type="checkbox"/> Anatomy and physiology of human reproductive system: male and female, Reproductive physiology. <input type="checkbox"/> Pelvic floor and female pelvis <input type="checkbox"/> Foetal skull <input type="checkbox"/> Hormonal cycles, puberty, Menarche & Menopause. <input type="checkbox"/> Endocrinology in relation to reproduction. <input type="checkbox"/> Embryology, placental and foetal development <input type="checkbox"/> Genetics, teratology, prenatal diagnosis and counseling <input type="checkbox"/> Preconception care, Preparing families for child bearing & child rearing , planned parenthood.
<p>III</p>	<p>25 EF6</p>	<p>Pregnancy</p> <ul style="list-style-type: none"> <input type="checkbox"/> Maternal adaptation :- Physiological, Psychosocial <input type="checkbox"/> Diagnosis of pregnancy <input type="checkbox"/> Assessment - Maternal and fetal <input type="checkbox"/> Maternal assessment: History taking, examination-general, physical and obstetrical. <input type="checkbox"/> Identification of high risk, <input type="checkbox"/> Foetal assessment – clinical parameters. <input type="checkbox"/> Biochemical- Human oestriol, Maternal Serum Alfa Feto protein, Acetyl choline esterase (AchE), Triple Test, Aminocentesis, Cordocentesis. Chorionic villus sampling (CVS). <input type="checkbox"/> Biophysical -Foetal movement count, Sonography, Cardio tocography, cardio tomography, Non-Stress Test (NST), Contraction stress test (CST), amnioscopy, foetoscopy. <input type="checkbox"/> Radiological examination <input type="checkbox"/> Interpretation of diagnostic tests and nursing implications <input type="checkbox"/> Nursing management of the pregnant women, minor disorders of pregnancy and management, importance of institutional delivery, choice of birth setting,

		importance and mobilizing of transportation, role of nurse and crisis intervention, identification of high risk pregnancy and referral
IV	20 EF3	<p>Normal Labour</p> <ul style="list-style-type: none"> □ Essential factors of labour □ Stages and onset <p>First stage: Physiology of normal labour</p> <ul style="list-style-type: none"> □ Use of partograph: Principles, use and critical analysis, evidence based practice. □ Nursing management <p>Second stage</p> <ul style="list-style-type: none"> □ Physiology and intrapartum monitoring □ Nursing management □ Resuscitation, immediate newborn care and initiate breast feeding (Guidelines of National neonatology forum of India) <p>Third stage</p> <ul style="list-style-type: none"> □ Physiology and nursing management <p>Fourth stage</p> <ul style="list-style-type: none"> □ Observation, critical analysis and nursing management. □ Psycho-prophylactic measures in labour □ Evidence based practice
V	15 EF2	<p>Normal puerperium</p> <p>Review</p> <ul style="list-style-type: none"> □ Physiology of puerperium □ Physiology of lactation, exclusive breast feeding, Baby friendly hospital initiative (BFHI) □ Assessment of postnatal women. □ Minor discomforts and complications of puerperium □ Management of mothers during puerperium: Psychosocial adaptation □ Role of nurse midwifery practitioner

VI	15 (EF1)	Normal Newborn - Review <ul style="list-style-type: none"> □ Physiology and characteristics of normal newborn, Extra uterine adaptation □ Physical and behavioural assessment of newborn □ Essential newborn care □ Identification of high risk newborn& referral. □ Parenting process
VII	15 EF4	Pharmaco-dynamics in obstetrics <ul style="list-style-type: none"> □ Drugs used in pregnancy, labour, post partum and newborn □ Calculation of drug dose and administration □ Anesthesia and analgesia in obstetrics □ Roles and responsibilities of midwifery nurse practitioner □ Standing orders and protocols and use of selected life saving drugs and interventions of obstetric emergencies approved by the MOHFW
VIII	10 (EF 4)	Gynaecological assessment <ul style="list-style-type: none"> • history • physical examination • investigations • Psychosocial factors of gynaecologic care. Abortion <ul style="list-style-type: none"> □ Types, causes □ Legislations, Clinical rights and professional responsibility □ Abortion procedures □ Nursing Management
IX	5 (EF 3)	Infertility <ul style="list-style-type: none"> □ Male and female infertility □ Primary and secondary causes □ Diagnostic procedures □ Counseling: ethical and legal aspects of assisted reproductive technology (ART) □ Recent advancement in infertility management □ Adoption procedures □ Role of nurse in infertility management

10 EF2	<p>Family Welfare Services</p> <p>Review</p> <ul style="list-style-type: none"> □ Population dynamics □ Demographic trends: vital statistics, calculation of indicators especially maternal and neonatal mortality rates and problems and other health problems. □ Recent advancement in contraceptive technology □ Role of Nurses in family welfare programmes in all settings. □ Family life education. □ Evidence based practice. □ Information, Education and Communication (IEC) □ Management information and evaluation system (MIES) Teaching and supervision of health team members
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Practical Experience

Total = 900 Hours

1 week = 48 hours

Sl.No	Dept/ unit	Weeks
1	Antenatal wards, Infertility clinic	5
2	Labour Room	5
3	Postnatal Ward	4
4	Family welfare Clinics & OPDs	1
5	PHC/Rural Maternity settings	2
6	Maternity OT	2
	Total	19

Procedures to be Observed

- Diagnostic investigations: amniocentesis, cordocentesis, chorionic villus sampling, ultrasonogram.

- Infertility management: assisted reproductive techniques, artificial insemination, invitro fertilization and related procedures.

Procedures to be assisted

- Medical termination of pregnancy
- Male and female sterilization
- Major and minor operations.

Procedures to be performed

- Antenatal assessment : 20
- Postnatal assessment : 20
- Assessment during labour
 - Use of partograph : 20
- Per vaginal examination : 20
- Conduct of normal delivery : 20
- Episiotomy and suturing : 10
- Insertion of intra uterine devices (Copper-T)

Others

- Identification of high risk women and referral
- Health education to women and their families
- Motivation of couples for Planned Parenthood.

Observation visit

Infertility centre, 24/7 FRUs

Assignments

- Nursing care study –2 (Antenatal-1, postnatal-1)
Nursing care plan- Antenatal, Intranatal, postnatal and newborn
- Planned health education-2
- Clinical teaching-5-
- Case Presentation-2

Term paper -1

- Drug file
- Log book

Internal practical examination is to be conducted in antenatal and postnatal area.

University practical examination is to be conducted either in antenatal or post natal area.

Evaluation Methods

- Assignments
- Theory & Practical Exam
- Ongoing evaluation

Theory	Weightage	Practical	Weightage
Sessional exams (3)	50%	Ongoing evaluation	40%
Term paper -1	25%	Clinical assignment	40%
Seminars	25%	Int. Practical exam	20%
Total	100%	Total	100%

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Note: * Latest Edition

- National and international journals in nursing practice, nursing education, nursing research. Midwifery, Maternal health.

SECOND YEAR M.Sc NURSING

NURSING MANAGEMENT

Placement: II Year

Hours of Instruction

Theory	:150 Hours
Nurse Specialist	:105 Hours
External	:45 Hours
Practical	:200 Hours
Total	: 350 Hours

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

At the end 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 the 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 workforce 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.

COURSE CONTENT

Unit	Theory	Content
I	10 *EF5	<p>Introduction</p> <ul style="list-style-type: none"> • Concepts of Management <p>Philosophy, theories, elements, Principles, -(Review).</p> <p>Functions of administration</p> <p>Indian Constitution, Indian Administrative system health care delivery system:</p> <p style="padding-left: 40px;">National, State and Local</p> <p>Organisation and functions of nursing services and education at</p> <p style="padding-left: 40px;">National, State, District and institutions: Hospital and Community</p> <p>Planning process: Five year plans, Various Committee Reports on health, State and National Health policies, national population policy, national policy on AYUSH.</p>
II	10	<p>Nursing management</p> <p>Concept, types, principles and techniques</p> <p>Vision and Mission Statements</p> <p>Philosophy, aims and objective</p> <p>Current trends and issues in Nursing Administration</p> <p>Theories and models</p> <p>Application to nursing service and education</p> <p>Autonomy and accountability for nursing practice.</p>
III	15 EF5	<p>Planning and control</p> <p>Co-ordination and delegation</p> <p>Decision making – decentralization basic goals of decentralization.</p> <p>Strategic planning</p> <p>Operational plans</p> <p>Management plans</p> <p>Programme evaluation and review technique(PERT), Gantt chart,</p> <p>Management by objectives(MBO)</p> <p>Planning new venture</p> <p>Planning for change</p>

		Innovations in nursing Application to nursing service and education
IV	15 EF5	Organisation Concept , principles, objectives, Types and theories, Minimum requirements for organisation, Developing an organizational Structure, levels, organizational Effectiveness and organizational, Climate, Organising nursing services and patient care: Methods of patient assignment- Advantages and disadvantages, primary nursing care, Planning and Organising: hospital, unit and ancillary services(specifically central sterile supply department, laundry, kitchen, laboratory services, emergency etc) Disaster management: plan, resources, drill, etc Application to nursing service and education
V	15 EF5	Human Resource for health Staffing Philosophy Norms: Staff inspection unit(SIU), Bajaj Committee, High power committee, Indian nursing council (INC) Estimation of nursing staff requirement- activity analysis Various research studies Recruitment: credentialing, selection, placement, promotion Retention Personnel policies Termination Staff development programme Duties and responsibilities of various category of nursing personnel Applications to nursing service and education

<p>VI</p>	<p>15 EF5</p>	<p>Directing</p> <p>Roles and functions</p> <p>Motivation: Intrinsic, extrinsic, Creating motivating climate, Motivational theories</p> <p>Communication : process, types, strategies, Interpersonal communication, channels, barriers, problems, Confidentiality, Public relations</p> <p>Delegation; common delegation errors</p> <p>Managing conflict: process, management, negotiation, consensus</p> <p>Collective bargaining: health care labour laws, unions, professional associations, role of nurse manager</p> <p>Occupational health and safety</p> <p>Application to nursing service and education</p>
<p>VII</p>	<p>10</p>	<p>Material management</p> <p>Concepts, principles and procedures</p> <p>Planning and procurement procedures : Specifications</p> <p>ABC analysis,</p> <p>VED (very important and essential daily use) analysis</p> <p>Planning equipments and supplies for nursing care: unit and Hospital</p> <p>Inventory control , Condemnation</p> <p>Application to nursing service and education</p>
<p>VIII</p>	<p>15 EF5</p>	<p>Controlling</p> <p>Quality assurance – Continuous Quality Improvement</p> <p>Standards, Models, Nursing audit</p> <p>Performance appraisal: Tools, confidential reports, formats, Management, interviews, Self evaluation or peer evaluation, patient satisfaction, utilization review Application to nursing service and education,</p> <p>Supervision and management: concepts and principles</p> <p>Discipline: service rules, self discipline, constructive versus destructive discipline, problem employees, disciplinary proceedingsenquiryetc</p> <p>Self evaluation or peer evaluation, patient satisfaction, utilization review</p>

		Application to nursing service and education
IX	15 EF5	Fiscal planning Steps Plan and non-plan, zero budgeting, mid-term appraisal, capital and Revenue Budget estimate, revised estimate, performance budget Audit Cost effectiveness Cost accounting Critical pathways Health care reforms Health economics Health insurance Budgeting for various units and levels Application to nursing service and education
X	10 EF5	Nursing informatics Trends General purpose Use of computers in hospital and community Patient record system Nursing records and reports Management information and evaluation system (MIES) E- nursing, Telemedicine, telenursing Electronic medical records
XI	10	Leadership Concepts, Types, Theories Styles Manager behavior Leader behavior , Assertiveness Effective leader: Characteristics, skills Group dynamics Power and politics , Visibility of nursing Lobbying Critical thinking and decision making

		Stress management Applications to nursing service and education
XII	10 EF5	Legal and ethical issues Laws and ethics Ethical committee Code of ethics and professional conduct Legal system: Types of law, tort law, and liabilities Legal issues in nursing: negligence, malpractice, invasion of privacy, defamation of character Patient care issues, management issues, employment issues Medico legal issues Nursing regulatory mechanisms: licensure, renewal, accreditation Patients rights, Consumer protection act(CPA) Rights of special groups: children, women, HIV, handicap, ageing Professional responsibility and accountability Infection control Standard safety measures

***EF- External Faculty**

PRACTICALS

1. Prepare prototype personal files for staff nurses, faculty and cumulative records
2. Preparation of budget estimate, revised estimate and performance budget
3. Plan and conduct staff development programme
4. Preparation of Organization Chart
5. Developing nursing standards/protocols for various units
6. Design a layout plan for specialty units /hospital, community and educational institutions
7. Preparation of job description of various categories of nursing personnel
8. Prepare a list of equipments and supplies for specialty units
9. Assess and prepare staffing requirement for hospitals, community and educational institutions
10. Plan of action for recruitment process
11. Prepare a vision and mission statement for hospital, community and educational institutions
12. Prepare a plan of action for performance appraisal

13. Identify the problems of the specialty units and develop plan of action by using problem solving approach
14. Plan a duty roster for specialty units/hospital, community and educational institutions
15. Prepare: anecdotes, incident reports, day and night reports, handing and taking over reports, enquiry reports, nurse's notes, official letters, curriculum vitae, presentations etc.
16. Prepare a plan for disaster management
17. Observation visit to a multispecialty teaching hospital and College and School of Nursing

Methods of Teaching

- Lecture cum discussion
- Seminar / Presentations
- Workshop

Methods of evaluation

- Tests
- Presentation
- Written assignments

Internal Assessment Techniques Weightage (%)

Sessional exam (3)	50
Assignments	25
Seminar/presentations	25

Total	100%
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Assignments

Theory

Statement of Philosophy, mission, vision and objective of a hospital. Prepare Job Descriptions of Various Categories of Nursing Personnel. Prepare Budget estimate for Nursing Department.

Compute Staffing Requirement of hospital (Yearly, Monthly, Weekly.)

Performance Appraisal Format for Nursing Staff.

Practical

Nursing Rounds	2
Clinical Teaching of Students	1
Staff Development Programme	1
Nursing Care Conference	1

Clinical Posting

Various Wards/ICUs of Hospital. - 4 Weeks

Office of Nursing Superintendent / Nursing Officer- 1 week

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- National and international journals in nursing practice, nursing education, nursing research. Nursing Management

CLINICAL SPECIALTY
OBSTETRIC AND GYNAECOLOGICAL NURSING II

Placement : II year

Hours of Instruction

Theory: 150 hours

Internal – 100

External - 50

Practical: 1450 hours

Total: 1600Hours.

COURSE DESCRIPTION

This course is designed to assist students in developing expertise and in-depth understanding in the field of Obstetric and Gynaecological Nursing. It will help the student to develop advanced nursing skills for nursing interventions in various obstetrical and gynaecological conditions. It will further enable the students to function as midwifery nurse practitioner/specialist, educator, manager and researcher in the field of obstetric and gynaecological nursing.

Objectives

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

1. Describe the epidemiology, aetiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions.
2. Perform physical, psychosocial, cultural & spiritual assessment
3. Demonstrate competence in caring for women with obstetric and gynaecological conditions
4. Demonstrate competence in caring for high risk newborn.
5. Identify and Manage obstetrical and neonatal emergencies as per protocol
6. Practice infection control measures
7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care
8. Demonstrate skill in handling various equipments/gadgets used for obstetric, gynaecologic and neonatal care
9. Teach and supervise nursing students and allied health workers
10. Design a layout of specialty units of obstetrics and gynaecology
11. Develop standards for obstetrics and gynaecologic nursing practice.
12. Counsel women and families

13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing

14. Function as independent midwifery nurse practitioner

Unit	Hours	Content
I	25 (EF10)	<p>Management of problems of women during pregnancy</p> <ul style="list-style-type: none"> ➤ Risk approach in obstetrical nursing care concepts & goals ➤ Screening of high-risk pregnancy, newer modalities of diagnosis. ➤ Intrauterine foetal Therapies ➤ Nursing Management of pregnancies at risk-due to obstetrical complications <ul style="list-style-type: none"> • Pernicious Vomiting • Bleeding in early pregnancy, abortion, ectopic pregnancy, and gestational trophoblastic diseases. • Hemorrhage during late pregnancy, ante partum hemorrhage, placenta praevia, abruptio placenta • Hypertensive disorders in pregnancy, Gestational Hypertension, pre-eclampsia, eclampsia, Hemolysis , Elevated liver enzymes, low plateletcount (HELLP) • Gestational diabetes mellitus • Iso-immune disease, Rh & ABO incompatibility • Hematological problems in pregnancy • Hydramnios - oligohydramnios • Prolonged pregnancy-post term, post maturity • Multiple pregnancies. • Intrauterine infection & pain during pregnancy • Intra uterine growth restriction (IUGR), Premature Rupture of Membrane(PROM), intra uterine death. • Loss ,grief & bereavement.
II	15 (EF6)	<p>Pregnancies at risk-due to pre-existing health problems</p> <ul style="list-style-type: none"> ➤ Anemia and nutritional deficiencies ➤ Hepatitis

		<ul style="list-style-type: none"> ➤ Cardio-vascular disease ➤ Thyroid diseases ➤ Epilepsy ➤ Haematological disorders ➤ Essential hypertension ➤ Metabolic conditions ➤ Chronic renal failure ➤ Tropical diseases ➤ Psychiatric disorders ➤ Infections- Toxoplasmosis Rubella Cytomegalo virus Herpes (TORCH), Reproductive Tract Infection(RTI); STD;HIV/AIDS, vaginal infections; Leprosy, Tuberculosis ➤ Other risk factors: Age-Adolescents, elderly; unwed mothers, sexual abuse, substance use. ➤ Pregnancies complicating with tumors, uterine anomalies, prolapse, ovarian cyst.
III	25 (EF10)	<p>Abnormal labour, & obstetrical emergencies</p> <ul style="list-style-type: none"> ➤ Etiology, pathophysiology and nursing management of <ul style="list-style-type: none"> • Uncoordinated uterine actions, Atony of uterus,preterm labour, precipitate labour, prolonged labour • Abnormal lie, presentation, position. • Contracted pelvis-CPD; dystocia • Obstetrical emergencies- obstetric shock, vasa praevia, inversion of uterus, amniotic fluid embolism, rupture uterus, Cord presentation and prolapse of cord. • Medical and surgical induction • Version • Manual removal of placenta • Obstetrical operations: Forceps delivery, Ventouse, Caesarian section, Destructive operations • Genital tract injuries-Perineal tear, VVF, RVF <ul style="list-style-type: none"> ➤ Complications of third stage of labour: <ul style="list-style-type: none"> • Post partum Hemorrhage • Retained placenta, adherent placenta <p>Critical care in obstetrics- role of the nurse</p>
IV	10 (EF4)	<p>High risk Puerperium</p> <ul style="list-style-type: none"> ➤ Nursing management of PPH <ul style="list-style-type: none"> • Puerperal infections, puerperal sepsis • Sub involution of uterus

		<ul style="list-style-type: none"> • Breast complications. • Urinary and bowel complications • Coagulation disorders • Sheehan's syndrome • Obstetric palsies • Psychological complications.
V	25 (EF8)	<p>High Risk Newborn</p> <p>- Concept, goals, assessment, principles.</p> <p>- Nursing management of</p> <ul style="list-style-type: none"> • Pre-term, small for gestational age, post-mature infant and baby of diabetic and substance use mothers. • Respiratory complications; Asphyxia neonatorum, neonatal apnoea, meconium aspiration syndrome, pneumothorax, pneumo mediastinum. • Icterus neonatorum. • Birth injuries. • Hypoxic ischaemic encephalopathy. • Congenital anomalies. • Neonatal seizures. • Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia. • Neonatal heart diseases. • Neonatal hemolytic diseases. • Neonatal infections, neonatal sepsis, ophthalmia neonatorum. Congenital syphilis, HIV/ AIDS • Advanced neonatal procedures. • Calculation of fluid requirements. • Hematological conditions – erythroblastosis fetalis, hemorrhagic disorders in newborn. • Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU
VI	10 (EF4)	<p>HIV / AIDS</p> <ul style="list-style-type: none"> • HIV positive mother and her baby • Epidemiology • Screening • Parent to child transmission (PTCT) • Prophylaxis for mother and baby • Standard safety measures • Counseling • Breast feeding issues • National policies and guidelines • Issues: Legal, ethical, psychological and rehabilitation • Role of nurse

VII 30 (EF8)		Gynaecological problems and nursing management <ul style="list-style-type: none"> • Gynaecological assessment-review • Gynaecological procedures. • Etiology, pathophysiology, diagnosis, and nursing management of <ul style="list-style-type: none"> - Menstrual irregularities, Menopause - DUB, PCOD, genital tract infections - Endometriosis, adenomyosis, pelvic inflammatory diseases - Diseases of genital tract - Uterine displacement - Genital prolapse - Uterine malformation- - Benign and Malignant tumors - Uterine fibroid, ovarian tumors, breast carcinoma, reproductive tract malignancies, hysterectomy – vaginal and abdominal Laparoscopic surgery - Sexual abuse, rape, trauma, assault.
VIII	5	Administration and management of obstetrical and gynaecological unit <ul style="list-style-type: none"> • Design and layout • Staffing • Equipment , supplies, • Infection control; Standard safety measures • Quality Assurance: Obstetric auditing – records / reports, Norms, policies and protocols • Practice standards for obstetric and gynaecological unit.
IX	5	Education and training in obstetric and gynaecological care <ul style="list-style-type: none"> • Staff orientation, training, and development • In-service education programme • Clinical teaching programs

Practicals

Total =1450 Hours

1 week = 48 Hours

Sl.No	Deptt./Unit	No.of weeks
1	Antenatal OPD , ART Centre	4
2	Antenatal and postnatal ward	11(6+5)
3	Labour Room	4
4	Neonatal Intensive Care Unit	2
5	Obstetric / Gynae Operation Theatre	2
6	Gynaecology Ward	2
7	Post operative ward	3
8	CHC, PHC,SC	2
	Total	30

Essential Obstetric and gynaecological skills

Procedures to be observed

- Ultra sonography
- Specific laboratory tests.
- Amniocentesis.
- Cervical & vaginal cytology.
- Fetoscopy.
- Hysteroscopy
- MRI
- Surgical diathermy.
- Cryosurgery.

Procedures assisted

- Obstetric & Gynaecological operations
- Abnormal deliveries – Forceps application, Ventouse, Breech
- Exchange blood transfusion

- Culdocscopy
- Cystoscopy
- Laparoscopy
- Endometrial Biopsy
- Tubal patency test
- Chemotherapy
- Radiation therapy
- Medical termination of pregnancy
- Dilatation & Curettage
- Hysterectomy- Abdominal, Vaginal
- Caesarean Section

Procedures to be performed

- History taking
- Physical Examination – General
- Antenatal assessment - 20
- Pelvic examination
- Assessment of risk status.
- Assessment of intra uterine foetal well -being , kick chart and foetal movement chart, Doppler assessment, Non stress test, Contraction stress test (Oxytocin challenge test).
- Universal precautions – Disposal of biomedical waste.
- Per Vaginal examination and interpretation (early pregnancy, labour, post partum).
- Utilization of Partograph
- Medical & Surgical induction (Artificial rupture of membranes)
- Conduct of delivery - 20.
- Repair of tears and Episiotomy suturing.
- Controlled cord traction, Manual removal of placenta, placental examination.
- Postnatal assessment- 20
- Management of breast engorgement
- Thrombophlebitis (White leg)
- Post natal Counseling
- Laboratory tests: Blood – Hb, Sugar, Urine – albumin, sugar
- Breast examination and Breast care.

- Postnatal exercise.
- Assessment - New born assessment; physical and neurological, Apgar score, high- risk new born, Monitoring neonates; Clinically and with monitors, Capillary refill time, Assessment of jaundice, danger signs.
- Neonatal resuscitation
- Gastric Lavage of newborn
- Care of new born in ventilators, Radiant warmer and Incubator
- Kangaroo mother care.
- Assisting mother with exclusive Breast feeding
- Feeding technique: Katori, spoon, naso /orogastric, Total parenteral nutrition.
- Assessment, calculation and administration of fluids and medications:
 - Oral
 - I.D
 - I.M
 - I.V – Securing IV line, infusion pump

Administration of drug per rectum

- Capillary blood sample collection
- Oxygen therapy
- Phototherapy
- Chest physiotherapy
- Counseling – Parental, bereavement, family planning, infertility etc
- Setting of operation theatre.
- Pap smear
- Vaginal smear
- Insertion of pessaries
- Insertion of IUD and removal
- Teaching skills
- Communication skills
- Prepare referral slips
- Pre transport stabilization
- Networking with other stake holders

Assignments

Nursing care study-3 (antenatal, gynaec, postnatal)

- Clinical profile-1 (antenatal/gynaec)
- Nursing care analysis- 1 (antenatal-/gynaec)
- Nursing care plan based on theories
- Clinical teaching-3
- Case presentation -2
- Organize In-service education programme for nurses.
- Development of performance evaluation tool-1
- Critical analysis of research studies-1
- Design floor plan of obstetric unit-1
- Term paper
- Preparation of protocol (AN/IN/PN/Newborn)
- Logbook

Evaluation

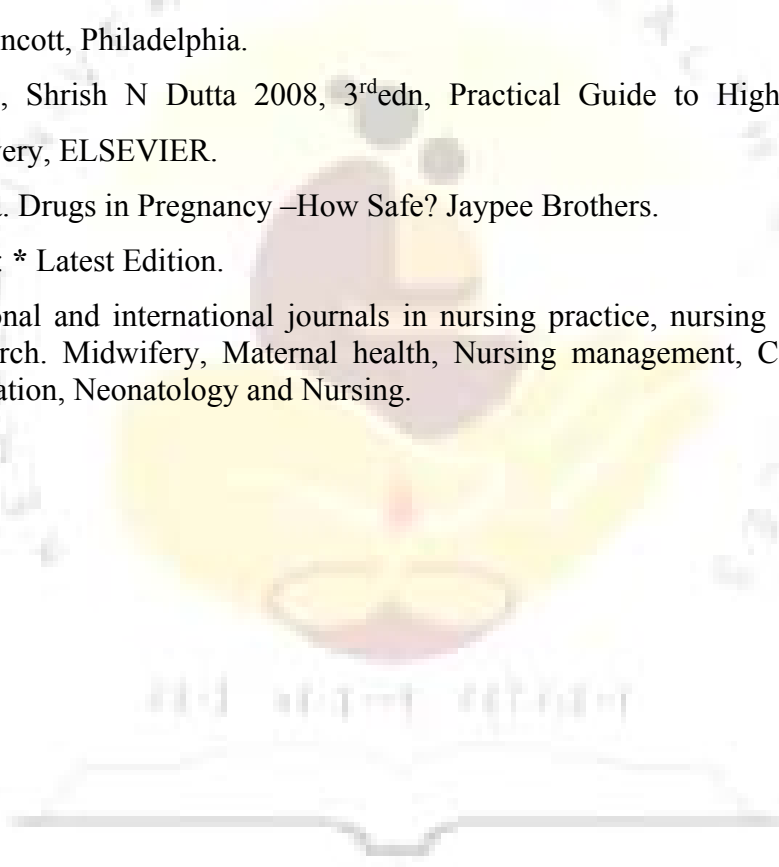
- Assignments
- Theory & Practical Exam
- Ongoing evaluation

Theory	Weightage	Practical	Weightage
Sessional exams (3)	50%	Ongoing evaluation	40%
Term paper -1	25%	Clinical assignment	40%
Seminars	25%	Int. Practical exam	20%
Total	100%	Total	100%

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- Pankaj Desai, NarendreMehare, Durushel, Principles and Practice of Obstetrics & Gynaecology for Post Graduates – 3rded, JP, New Delhi
- Women's Health and Guide to Health Promotion and disorders management, Lippincott, Philadelphia.
- Arias, Shrish N Dutta 2008, 3rdedn, Practical Guide to High risk Pregnancy Delivery, ELSEVIER.
- Dutta. Drugs in Pregnancy –How Safe? Jaypee Brothers.
- **Note:** * Latest Edition.
- National and international journals in nursing practice, nursing education, nursing research. Midwifery, Maternal health, Nursing management, Continuing Nursing education, Neonatology and Nursing.



2.11 No: of hours per subject.

As given under “Content of each subject in each year “

2.12 Practical training.

As given under “Content of each subject in each year “

2.13 Records

Proper records of practical work should be meticulously maintained and duly signed by the supervising teacher should be submitted at the time of University practical examinations.

2.14 Dissertation: Guide/Co-Guide/ Change of Guide

Dissertation

Every candidate pursuing M .Sc Nursing course is required to carry out work on a selected research project under the guidance of a recognized postgraduate teacher. The results of such a work shall be submitted in the form of a dissertation.

The dissertation is aimed to train a postgraduate student in research methods and techniques. It includes identification of problem, formulation of hypothesis, review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, and comparison of results and drawing conclusions.

Every candidate shall submit to the University in the prescribed format a synopsis containing particulars of proposed dissertation work after obtaining ethical clearance from the Institutional Ethical Committee comprising principal/ Senior Professor of College of Nursing, **within ninemonths from the date of commencement of the course on or before the dates notified by the University**. The synopsis shall be sent through the proper channel.

Such proposal will be reviewed and the dissertation topic will be registered by the university. No change in the dissertation topic or Guide shall be made without prior approval of the University.

Tentative Schedule for dissertation

S. No.	Activities	Scheduled Time
1	Submission of the research proposal	End of 9th month of 1st year
2	Submission of dissertation Final	End of 9th month of IIInd Year

The dissertation should be written under the following headings:

1. INTRODUCTION
2. REVIEW OF LITERATURE
3. METHODOLOGY
4. ANALYSIS & INTERPRETATION
5. RESULTS
6. DISCUSSION, SUMMARY AND CONCLUSION

REFERENCES

APPENDICES

Dissertation style: Vancouver style format is used.

The written text of dissertation shall be not less than 75 pages and shall not exceed 100 pages excluding references, questionnaires, and other annexures. It should be neatly typed (font size 12-Times New Roman) in double line spacing on one side of the bond paper (A4 size, 8.27 x 11.69”) and bound properly. Spiral binding should be avoided. The Guide and the Head of the Institution shall certify the dissertation. Checking of Plagiarism may be done as per university norms.

The scientific committee of the college should scrutinize and evaluate the thesis and make required corrections if necessary and accept with modification before submitting to the University.

Four copies of the dissertation prepared shall be submitted to the Principal of the institution for onward transmission to University on the 21st month of commencement of the course.

Hall ticket for the second year examination should be issued to the candidate only after the dissertation has been submitted to the University.

Guidelines for submission of dissertation is given in Annexure

Research Guides

a) Qualification of Guide

Main guide: Nursing faculty / nursing expert in the field of study holding Ph.D. /M.Phil/M.Sc. Nursing with a minimum of 3 years experience in teaching in the Post Graduate Programme in Nursing.

Co-Guide: A Co-Guide is a nursing faculty/expert in the field of study (may be from outside the college but should be within the district)

b) Guide – Students Ratio

Maximum of 1:5 (including as co-guide)

Change of Guide –In the event of a registered guide leaving the college for any reason or in the event of death of Guide, Guide may be changed with prior permission from the University.

c) Research Committee

There should be a research committee/scientific review committee in each college comprising of minimum 5 Post Graduate Faculty representing all specialty chaired by the Principal, College of Nursing.

2.15 Specialty training if any

Nil

2.16 Project work to be done if any

Included in Clinical Assignments as given in “Content of each subject in each year “

2.17 Any other requirements [CNE, Paper Publishing etc.]

As given under “Content of each subject in each year “

2.18 Prescribed/recommended textbooks for each subject

As given under “Content of each subject in each year “

2.19 Reference books

As given under “Content of each subject in each year “

2.20 Journals

As given under “Content of each subject in each year “

2.21 Logbook

Every candidate shall maintain a log book for recording performance of activities/ procedures/ attending/ organizing workshop/ conferences. The logbook shall be verified

and certified by the Head of the Institution and presented in the University practical examination.

3 EXAMINATIONS

3.1 Eligibility to appear for exams

a) Attendance and Marks

Candidate should have 80% attendance for both theory and practical, with minimum 50% of internal marks in each subject both in theory & practical. However 100% of attendance should be completed for practical before the award of degree. There is no provision for condonation of attendance for the PG candidates.

b) Examination fee

The examination fee should be remitted for each examination appeared for. A fee as stipulated by the University should also be remitted for the evaluation of the dissertation.

c) Log Book

Every candidate shall maintain a log book for recording performance of activities/ procedures/ attending/ organizing workshop/ conferences. The logbook shall be verified and certified by the Head of the Institution and presented in the University practical examination.

3.2 Schedule of Regular/Supplementary exams

Regular University Examination will be conducted at the end of each academic year and Supplementary examinations will be conducted once in a year after regular examination.

3.3 Scheme of examination showing maximum marks and minimum marks

	Theory					Practical					Total
	Hours	Internal Marks		External Marks		Hours	Internal Marks		External Marks		
		Maximum	Minimum	Maximum	Minimum		Maximum	Minimum	Maximum	Minimum	
1st year											
Nursing Education	3	25	12.5	100	50		50	25	100	50	275
Advanced Nursing Practice	3	25	12.5	100	50						125
Nursing Research & Statistics	3	25**	12.5	100*	50						125
Obstetric & Gynaecological Nursing- 1	3	25	12.5	100	50	4 hrs	100		100		325
											850
2nd year											
	Hours	Internal Marks		External Marks		Hours	Internal Marks		External Marks		Total
		Maximum	Minimum	Maximum	Minimum		Maximum	Minimum	Maximum	Minimum	
Nursing Management	3	25	12.5	100	50						125
Dissertation Viva							100	50	100	50	200
Obstetric & Gynaecological Nursing 11	3	25	12.5	100	50	4 hrs	100	50	100	50	325
											650
Total of Ist & IInd Year											1500

* Nursing Research (External) =75Marks and Statistics (External) =25 Marks

**Nursing Research (Internal) =15 and Statistics (Internal) =10

1. There shall be one regular & one supplementary examination every year.
2. Minimum pass marks shall be 50 % in each of the Theory and practical papers separately.
3. A candidate has to pass in theory and practical exam separately in each of the paper.
4. There is no provision for grace marks for pass in PG examination.
5. Maximum number of candidates for all practical examination should not exceed ten

per day.

6. One internal and one external examiner should evaluate dissertation and jointly conduct viva-voce for each student.
7. For Dissertation internal examiner and external examiner should be a Nursing faculty / Nursing expert in the same clinical specialty holding Ph.D./M.Phil/M.Sc. Nursing with a minimum of 3 years experience in guiding the research projects for Post Graduate students of Nursing.

3.4 Papers in each year

As given under “ Scheme of examination showing maximum and minimum mark “

3.5 Details of theory exams [include number of papers, Duration, Type of questions & number of questions and marks

As given under “Scheme of examination showing maximum and minimum mark “and 2.27

3.6 Model question paper for each subject with question paper pattern

Refer Annexure 1

Question Paper Pattern

I) All subjects with Maximum Marks:100		
Long Essay	1x20 marks 1x15 marks	35 marks
Short Essay	4x10 marks	40marks
Short Notes	5x5 marks	25 marks
Total Marks		100 marks
II) Nursing Research Max.marks:75		
Long Essay	2x15 marks	30 marks
Short Essay	3x10 marks	30 marks
Short notes	3x 5 marks	15 marks
Total Marks		75 marks
III) Statistics : 25 marks		
Statistical Calculations	1x10 marks	10 marks
Short notes	3x5 marks	15 marks
Total Marks		25 marks

**I YEAR M.SC (NURSING) DEGREE EXAMINATION
ADVANCED NURSING PRACTICE**

Model question paper

Time : Three hours Maximum marks : 100 marks

Answer all questions

- I a. Define the concept of health promotion
b. Explain the major assumptions of Penders' Health promotion model.
c. Describe the application of Health Promotion Model in the management of obesity among women in the reproductive age group.

(2+8+10 = 20 marks)

2. Mr. M is admitted in the surgical ward with hemorrhagic shock after road traffic accident.

- a. Explain the pathophysiology of haemorrhagic shock
b. List any 3 nursing diagnosis according to priority for this patient and prepare a care plan.

(5+10=15marks)

3. Describe the basic elements and explain the barriers of communication (10 marks)

4. Describe the challenges faced by the Health care delivery system in Kerala (10 marks)

5. Briefly explain the safe disposal of biomedical wastes (10 marks)

6. Explain the principles and techniques of counseling (10 marks)

Write short notes on (5x 5 = 25 marks)

7. Anti retroviral therapy
8. Use of computers in nursing practice
9. Haemodialysis
10. Metabolic acidosis
11. Genetic counseling

(10marks)

QP Code:

Reg. No.:.....

**FIRST YEAR M.Sc NURSING DEGREE EXAMINATION
NURSING RESEARCH & STATISTICS
MODEL QUESTION PAPER**

Time: Three Hours. Maximum: 100

Marks

Answer Section A and B in separate answer books

SECTION A : NURSING RESEARCH

Max. Marks : 75

1. Write a research proposal for a research problem 'quality of life of patients with AIDS'.
15
2. Describe observation as a method of data collection. 15
3. Explain the criteria for selection of a research problem. 10
4. Describe the methods of controlling extraneous variables. 10
5. Explain the different types of sampling. 10

Write Short notes on

6. Evidence based practice.
7. Grounded theory.
8. Purposes of literature review. (3x5=15)

Section B: statistics

9. Which is the appropriate statistical test to conclude the data given below; growth status and exposure to infection are associated. Conduct the statistical test and arrive your conclusion about data. P value at 5% level significance is 3.84

Growth status	infected	Non infected	Total
good	80	90	170
poor	240	110	350
total	320	300	620

10

SHORT NOTES

10. Properties of normal distribution.

11. Describe different methods of dispersion with merits and demerits

12. Reliability

3x 5 =15

QP Code:

Reg. No.:.....

First Year MSc Nursing Degree Examinations

NURSING EDUCATION

Model question paper

Time : 3 hrs

Max.marks:100

Answer All Questions

1. Explain the current trends in nursing education in India. (20)
2. Prepare the philosophy for a newly started college of nursing (15)
3. Plan a counselling session for nursing students. (10)
4. Describe the role of teachers in the development of pupil in nursing (10)
5. Describe the importance of non –projected aids in nursing education (10)
6. Describe the importance of questioning in education. (10)

WRITE SHORT NOTES

7. Aims of education.
8. Characteristics of an evaluation tool
9. Micro teaching
10. Objective structural practical examination
11. Formative and summative evaluation. (5x5=25)

QP Code:

Reg. No.:.....

First Year MSc Nursing Degree Examinations

Obstetric and Gynecological Nursing I

Clinical Specialty - 1

Model Question paper

Time : 3 hrs

Max marks:100

Answer all questions

Long essays

1. Define antenatal care. What are the objectives and components of antenatal care. Explain the care of a pregnant mother in the third trimester. (2+8+10=20)
 2. Describe the physiology of first stage of labour. Explain the nursing management of a woman in the first stage of labour. (6+9=15)
 3. Discuss the biochemical assessment of foetal wellbeing in early pregnancy. (10)
 4. Explain the ethical and legal aspects of Assisted Reproductive Technologies(10)
 5. Discuss development of fertilized ovum till eight weeks (10)
 6. Importance of preventive Obstetrics (10)
- Write short notes on
7. Causes of female infertility.
 8. Assessment of postnatal women.
 9. Nursing care in threatened abortion.
 10. Oxytocin
 11. Population dynamics (5x5=25)

QP Code:

Reg. No.:.....

Second Year M.Sc Nursing Degree Examinations

(Model Question Paper)

NURSING MANAGEMENT

Time: 3 hrs Max. Marks: 100

Answer all questions

Time: 3 hrs

Max. marks: 100

Answer all questions.

1. Explain the principles of management with suitable examples. (20)
 2. Prepare an evaluation tool for performance appraisal of staff nurses. (15)
 3. Explain the utilization of theories of management in nursing service with suitable examples. (10)
 4. Explain the role of nurse administrator in supervision. (10)
 5. Explain the challenges and current trends in nursing administration. (10)
 6. Describe the steps of material management. (10)
- Write short notes (5x5=25)
7. Collective bargaining
 8. Nurses role in occupational health and safety.
 9. Legal issues in nursing
 10. Quality circle
 11. Conflict management

QP Code:

Reg. No.:.....

Second Year M.Sc Nursing Degree Examinations

Obstetric and Gynecological Nursing

Clinical Specialty - 11

Model Question paper

Time : 3 hrs

Max marks:100

Answer all questions

1. Briefly explain causes and manifestations of antepartum haemorrhage. Explain the management of abruption placenta. (8+12=20)
2. Outline the design, layout, staffing, supplies and equipment in labour room with 10 beds. Discuss infection control measures in neonatal intensive care unit. (9+6=15)
3. Discuss the outcome and management of breech presentation in labour. (10)
4. Explain the characteristics and assessment of preterm newborn. (10)
5. Explain nurses role in prevention and management of atonic haemorrhage. (10)
6. Explain the effects of pregnancy on diabetes and diabetes on pregnancy. (10)

Write Short notes:

7. Post partum psychosis.
8. Prevention of parent to child transmission of HIV.
9. Plan an in service education programme in obstetric unit for the head nurses
10. Management of neonatal hypoglycaemia
11. Prevention of genital prolapse. (5x5=30)

3.7 Internal assessment component

- a) There shall be a minimum of 3 periodic assessments, for theory and practical including viva separately, of which the final one will be University model examination and is mandatory.
- b) Average of the marks of the best two periodic assessments shall be taken as internal assessment mark of the candidate. Marks of evaluation by other methods like assignments, seminars, projects etc. can be added to the internal marks.
- c) The class average of internal assessments mark of theory and practical should not exceed 75% of Maximum marks.
- d) The class average of internal assessment for an examination shall be calculated based on the total number of candidates in a particular batch appearing for that internal assessment examination.
- e) The candidate must secure 50% marks for internal assessment in theory and practical including viva separately in a particular subject in order to be eligible to appear in the university examination of the subject.
- f) In cases where the candidate is permitted to improve the internal assessment marks, the new marks will be taken as final.
- g) The internal marks shall be signed by the candidate before transmission to the University

3.8 Details of practical/clinical practicum exams

Practicals

- 4 hours of practical examination per student.
- Maximum number of 10 students per day per specialty.
- The examination should be held in concerned clinical area for clinical specialties. Facility for observation of all candidates at a time in the same ward / clinical area by the examiners during practical examinations is mandatory.
- One internal and external examiner should jointly conduct practical examination and viva voce separately for each student.
- Follow the evaluation guidelines for the conduct of practical examinations, Refer 2.10.

3.9 Number of examiners needed (Internal & External) and their qualifications

- One internal and external examiner should jointly conduct practical examination and viva voce separately for each student.

Examiner – Nursing faculty teaching respective specialty area/subjects in M.Sc nursing programme with minimum 3 years post graduate teaching experience.

The examiners should do evaluation of dissertation prior to viva.

3.10 Details of viva:

Duration: Viva-Voce -minimum 30 minutes per student.

4 INTERNSHIP

4.1 Eligibility for internship

Not applicable.

4.2 Details of internship

Not applicable.

4.3 Model of Internship Mark lists

Not applicable.

4.4 Extension rules

As given under “ Leave , Vacation /holidays permitted”

4.5 Details of training given

Not applicable.

5 ANNEXURES

5.1 Check Lists for Monitoring: Log Book, Seminar Assessment etc.

As given under clause “Content of each subject in each year “

GUIDELINES FOR WRITING DISSERTATION

Title (Capital)

Emblem (University)

Students' name (Capital)

Name of the college

DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT

OF THE REQUIREMENTS FOR THE DEGREE OF

MASTER OF SCIENCE IN NURSING

KERALA UNIVERSITY OF HEALTH SCIENCES

Year

.....Title.....

By

Name of the Candidate

Dissertation submitted to the

Kerala University of Health Sciences

Thrissur

In partial fulfilment of the requirements for the degree of

Degree Name

in

Subject Name

Under the guidance of

Name of the Guide

Name of the Department

Name of the college

Place

Year

DECLARATION BY THE CANDIDATE

I hereby declare that this dissertation entitled
“.....Title.....” is a bonafide and genuine research work carried out by
me under the guidance of Name & designation of the Guide.

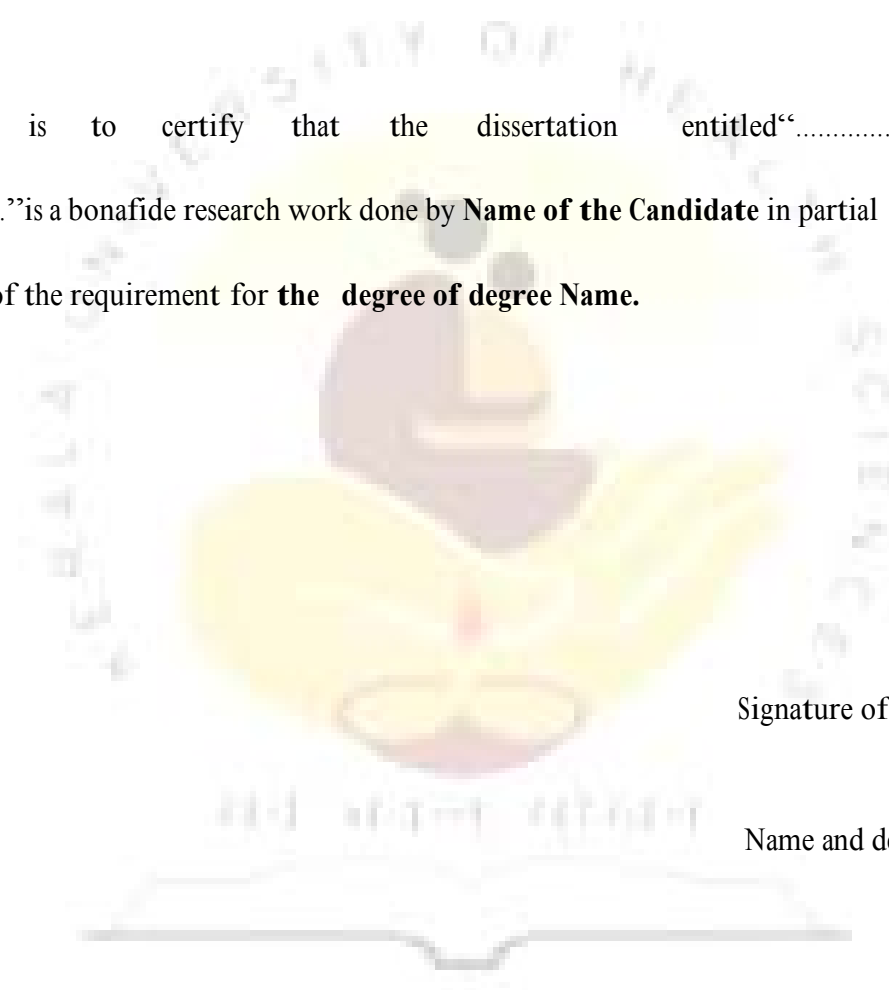
Signature of the candidate

Date:

Place:

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled“.....
Title.....”is a bonafide research work done by **Name of the Candidate** in partial
fulfilment of the requirement for **the degree of degree Name.**



Signature of the Guide

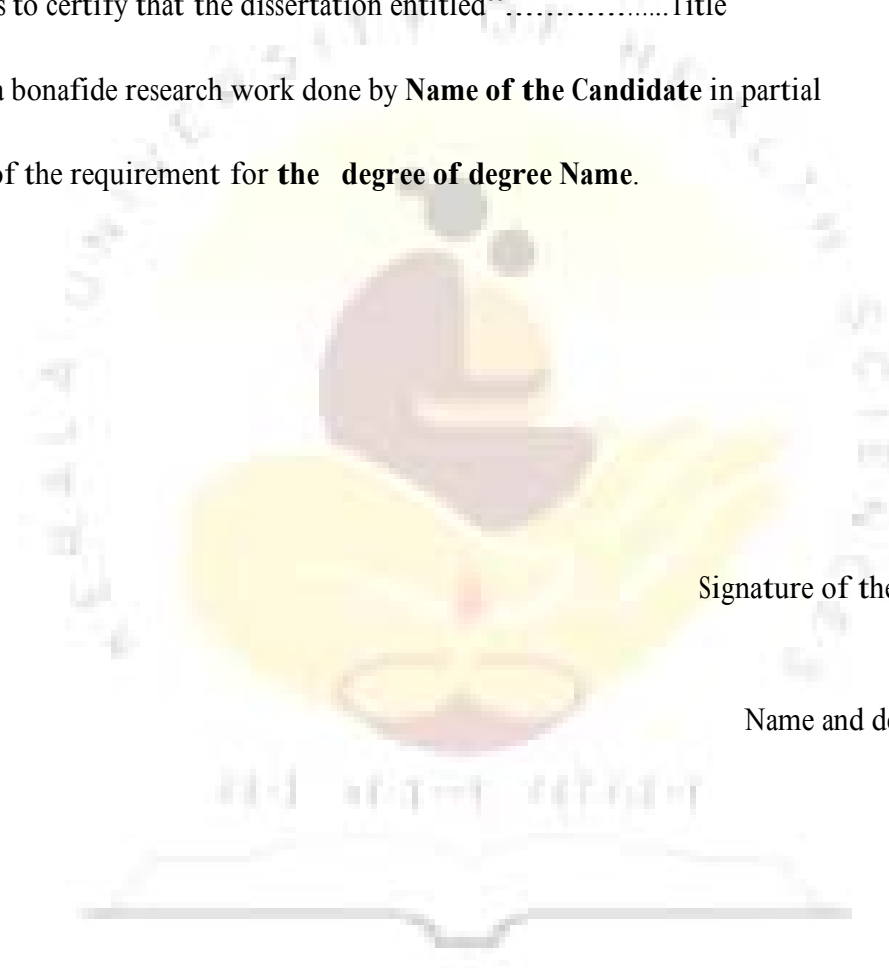
Name and designation

Date:

Place:

ENDORSEMENT BY THE HEAD OF THE INSTITUTION

This is to certify that the dissertation entitled“.....Title
.....”is a bonafide research work done by **Name of the Candidate** in partial
fulfilment of the requirement for **the degree of degree Name.**



Signature of the Principal

Name and designation

Date:

Place:

(College seal)

COPY RIGHT

DECLARATION BY THE CANDIDATE

I hereby declare that the Kerala University of Health Sciences, Kerala shall have
The rights to preserve, use and disseminate this dissertation in print or electronic
Format for academic/ research purpose.

Signature of the candidate

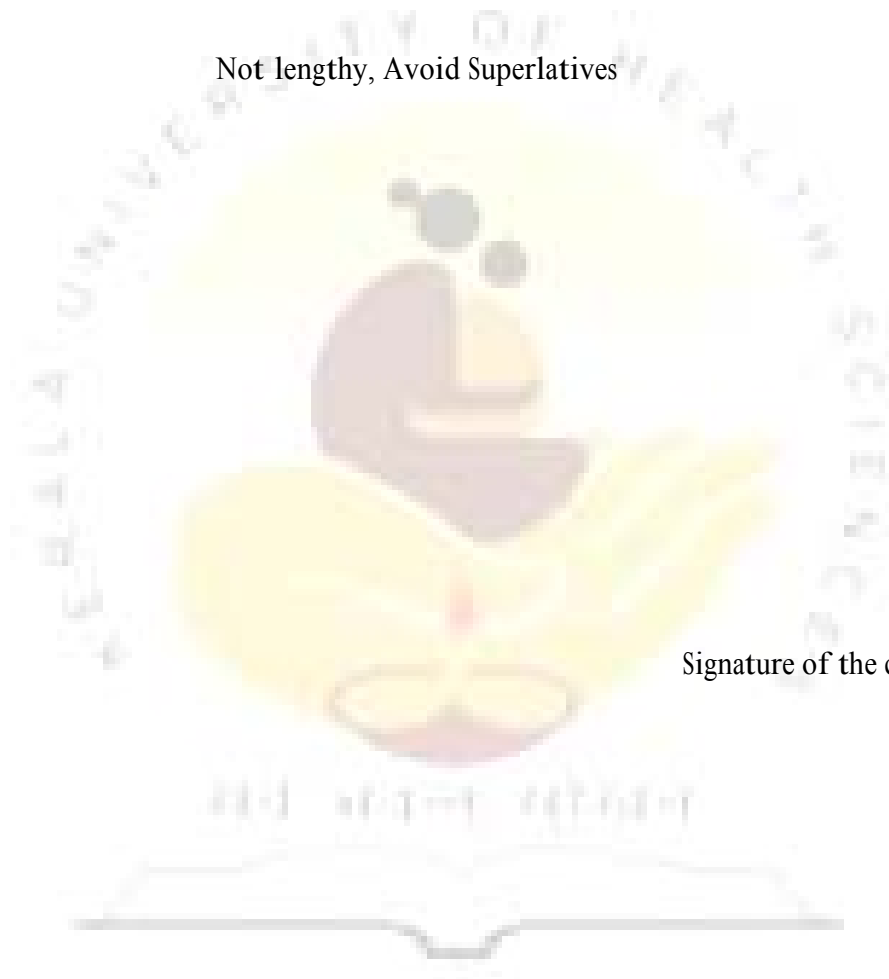
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Place:

Name

ACKNOWLEDGEMENT

Not lengthy, Avoid Superlatives



Signature of the candidate

Date:

Place:

Name

ABSTRACT

(Includes problem and objectives, methodology, results, interpretation and conclusion

In a single paragraph limited to 250-300 words)

Keywords

(Max.10)

Keywords shall be chosen from Nursing Subject Headings

(Each key word should be separated by semicolon)

TABLE OF CONTENTS

List of tables

List of figures /Graphics

Chapters	Titles	PageNo.
1.	INTRODUCTION	
2.	REVIEW OF LITERATURE	
3.	METHODOLOGY	
4.	ANALYSIS & INTERPRETATION	
5.	RESULTS	
6.	DISCUSSION, SUMMARY AND CONCLUSION	
	REFERENCES	
	APPENDICES	

LIST OF TABLES (14size,Bold)

Sl.No.	Title	PageNo.
--------	-------	---------

1.

2.



LIST OF FIGURES (14size,Bold)

Sl.No.	Title	PageNo.
--------	-------	---------

1.

2.



LIST OF APPENDICES (14size, Bold)

Sl.No.	Title	PageNo.
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A.

B.

C.

D.



CHAPTER 1

INTRODUCTION (14size,Bold)

Sub headings (12size,bold)

Background of the problem

Need and significance of the study

Statement of the problem

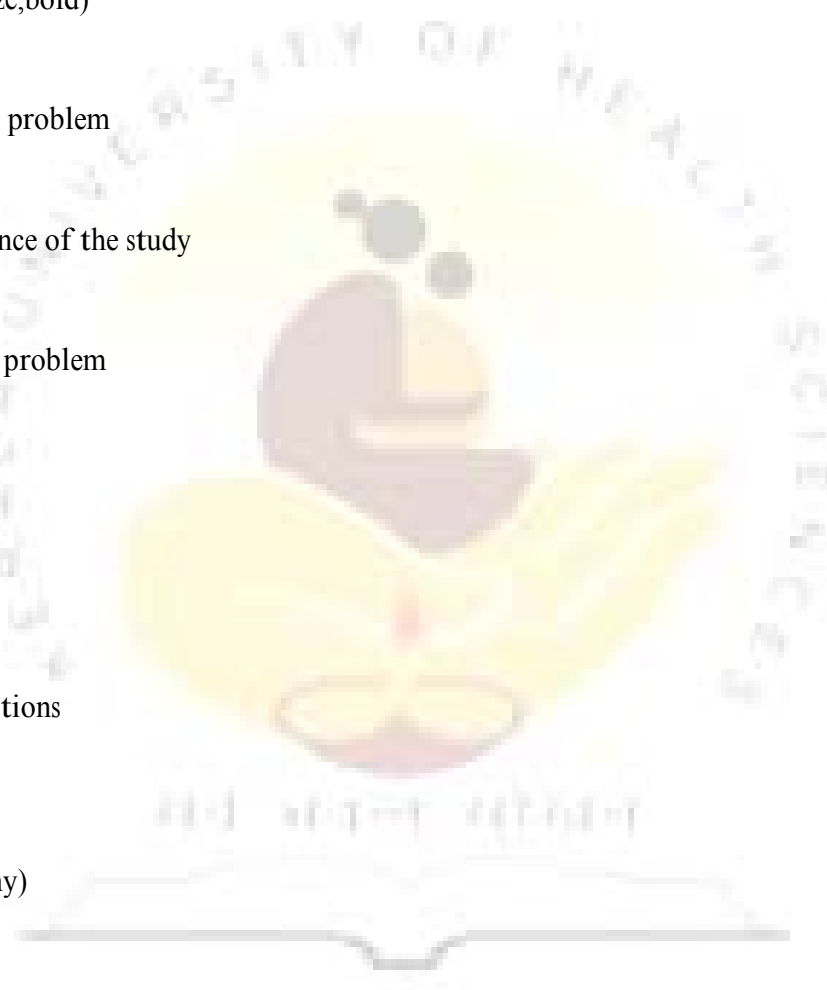
Objectives

Operational definitions

Assumptions (if any)

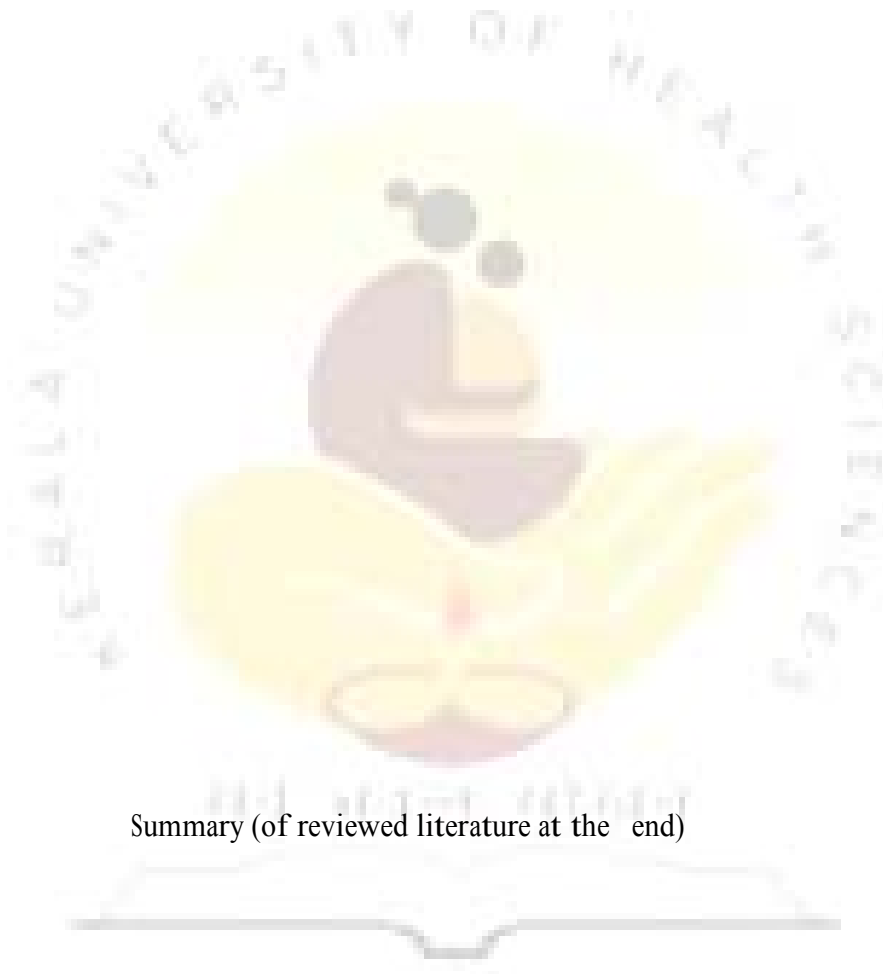
Hypothesis (Write research hypothesis)

Conceptual/theoretical framework



CHAPTER 2 (14size, bold)
REVIEW OF LITERATURE

Sub heading of the literature reviewed (12size, bold)



Summary (of reviewed literature at the end)

CHAPTER 3 (14size,bold)

METHODOLOGY

Research approach

Research design

Variables

Schematic representation of the study

Setting of the study

Population

Sample and sampling technique

Inclusion criteria

Exclusion criteria

Tool/Instruments

Development/selection of the tool

Description of the tool

Content validity

Reliability of the tool

Pilot study

Data collection process

Plan for data analysis

CHAPTER 4 (14size, bold)

ANALYSIS AND INTERPRETATION

Section title

(Section wise presentation of data)



CHAPTER 5 (14size, bold)

RESULTS

Objectives

Hypotheses

Results



CHAPTER 6 (14size, bold)

DISCUSSION, SUMMARY AND CONCLUSION

Discussion

Summary

Conclusion

Nursing Implications

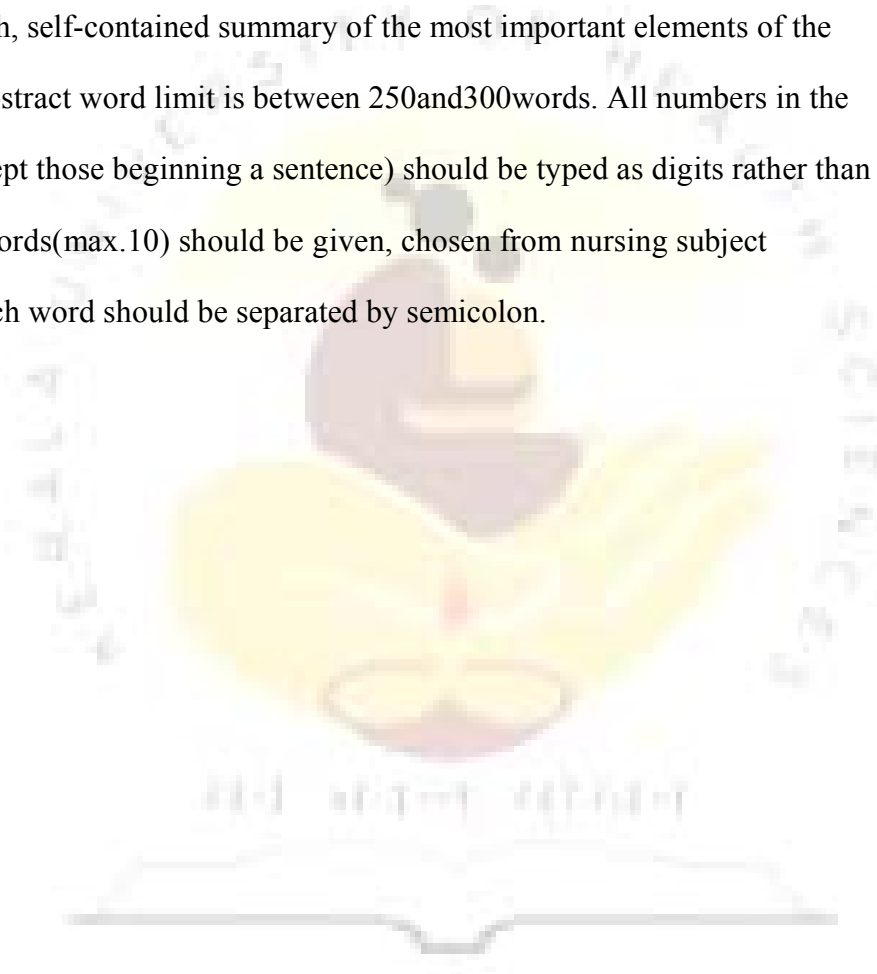
Limitations

Recommendations



Abstract

Abstract provides a brief summary of the dissertation/thesis, summing up clearly the problem examined, the methods used and the main findings. The abstract is a one-paragraph, self-contained summary of the most important elements of the paper. The abstract word limit is between 250 and 300 words. All numbers in the abstract (except those beginning a sentence) should be typed as digits rather than words. Keywords (max. 10) should be given, chosen from nursing subject headings. Each word should be separated by semicolon.



Proforma for Submission of M. Sc Nursing Dissertation Proposal

1. Name & Address of Student:
2. Email ID of the Student:
3. Registration Number:
4. Name & Address of Institution:
5. Title of the Dissertation:
6. Name of the Guide:
7. Address, phone number and E-mail ID of the Guide:
8. Educational Qualification of the Guide:
9. Experience of teacher in guiding postgraduate students. (in years):
10. Experience of teacher in guiding M.Phil/Ph.D students if any. (in years):
11. Synopsis of the study: Attached – Yes/No

Date:

Signature of the Guide

Enclosures:

I.) Bio- Data of the Guide

II.) proposal of the study (maximum 4-6 pages)

Proposal Outline

Title

Background / Need and Significance of the problem.

Purpose of the study

Statement of the problem and Objectives of the study

Operational Definitions

Conceptual Framework

Assumptions/ Hypotheses

Research Methodology

- a. Research Approach
- b. Research Design
- c. Setting
- d. Population, Sample, Sampling Technique & sample size, inclusion & exclusion criteria
- e. Tools & Technique
- f. Pilot Study
- g. Plan for data collection
- h. Plan for data analysis

Work Plan

Budget

Ethical Considerations

Reference- Vancouver style

Tools /instrument

Appendices –

Consent (English)

Tools/Instrument (English)

Guidelines in writing synopsis

- ☐ The research protocol should be of about 1200 words (6 pages of A4 size) on the topic. The research protocol should be submitted with a covering letter signed by the candidate and guide.
- ☐ The work on and writing of protocol/ dissertation should be done under the Guide approved by the University.
- ☐ The guide must be an active P.G teacher and qualified as per INC and the University norms.
- ☐ The synopsis should be signed by the candidate and forwarded through the Guide, Departmental head and Principal of the Institution.

KERALA UNIVERSITY OF HEALTH AND ALLIED SCIENCES

MEDICAL COLLEGE P.O., THRISSUR – 680 596

PROFORMA FOR RECOGNITION OF POST GRADUATE TEACHER

[Read the instructions carefully before filling up the proforma]

Affix Photo

1. NAME:

(in block letters)

2. DATE OF BIRTH: AGE:

(Attested copy of SSLC marks card / proof of date of birth to be enclosed)

3. PRESENT DESIGNATION:

4. DEPARTMENT:

5. ADDRESS:

COLLEGE ADDRESS
Phone (o) : Email:
Hospital: College Fax:

PRESENT RESIDENTIAL ADDRESS
Phone (R):

6. QUALIFICATION:

(Attested Xerox copies of all the certificates to be enclosed)

Sl No.	Name of the Degree and Specialization	Year of Passing	Name of the University and Place	Apex body recognition
UG				
PG				
M.Phil				
Ph.D.				

7. Teaching Experience

Designation	Name of the Institution	Duration of teaching		Subject / 's taught
		UG From -- To	PG From -- To	
Total teaching experience				
Total teaching experience		Before PG _____	After PG _____	Total _____

Note:

1. Only full time teaching in a teaching institution affiliated to KUHS / other universities established by law in India is considered as teaching experience.
2. Attested copies of appointment order, relieving order, service certificate, promotion order & PG degree, Nursing Council registration certificate etc., to be enclosed to claim teaching experience.
3. Qualifications and eligibility for appointment and promotion shall be as per Govt. of Kerala and INC guidelines.
4. Application is to be submitted through proper channel.
5. The envelope should be super scribed as Proforma for Recognition as Post Graduate Teacher'.
8. Any other relevant information: (Attach a separate sheet)
(Regarding additional qualifications, achievements, publications, awards etc.,)

Declaration by the Teacher

I hereby declare that the above information provided by me is true and correct. I shall take the sole responsibility for any wrong information provided and liable for any action taken by the university.

Place :

Date :

Signature of the Teacher

Endorsement by the Principal

The information provided by the teacher is verified from the office records and found to be correct. He/She is eligible to be recognized as a PG teacher to guide the dissertation work of PG students as per the INC regulations.

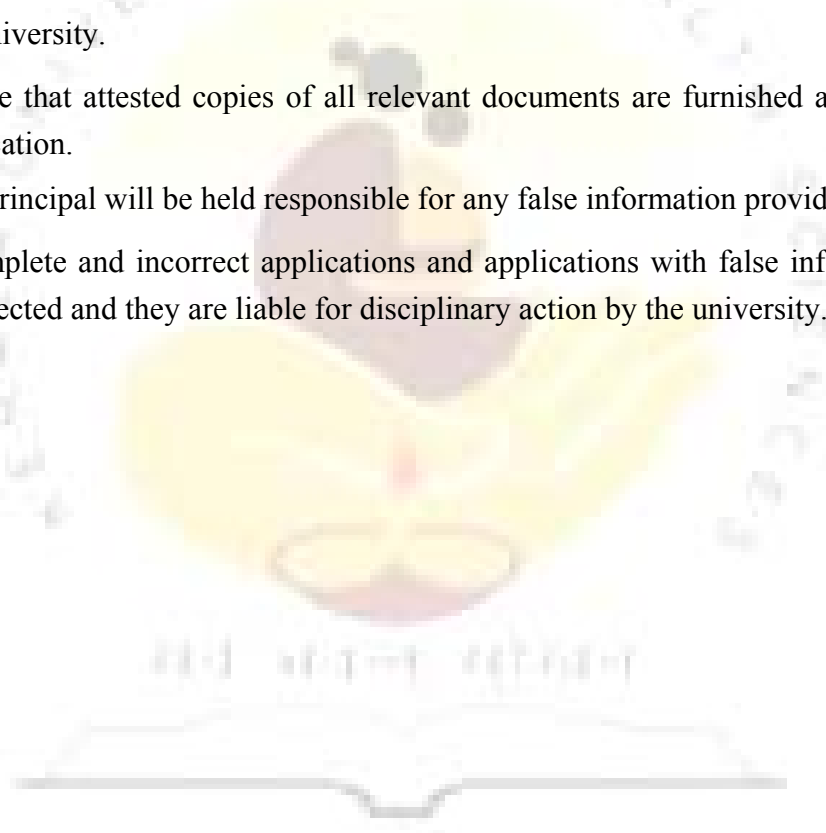
Place :

Date :

Signature of the Principal

INSTRUCTIONS:

1. The Prescribed Performa must be duly filled by the applicant in his/her own handwriting and submitted to the university through the principal's office.
2. The Principal should verify all the informations provided especially the date of birth, qualification, experience, and service details before sending the proforma to the university.
3. Ensure that attested copies of all relevant documents are furnished along with the application.
4. The Principal will be held responsible for any false information provided.
5. Incomplete and incorrect applications and applications with false information will be rejected and they are liable for disciplinary action by the university.



**KERALA UNIVERSITY OF HEALTH AND ALLIED SCIENCES
MEDICAL COLLEGE P.O., THRISSUR – 680 596
POST GRADUATE DISSERTATION – PROFORMA TO BE SUBMITTED FOR
CHANGE OF GUIDE**

**(Please Note: Change of guide is permitted only if the guide leaves
the college, transferred to another college, retires or expires.)**

Date:

A. Particulars of Candidate, and Existing Guide

Candidate's Name & Address :
Name of the Institution :
Course of Study & Subject :
Date of Admission to Course :
Title of the Topic :
Name & Designation of Existing Guide :
Signature of the Candidate :

B. PARTICULARS OF PROPOSED GUIDE

Name & Designation of proposed Guide :

Has the proposed guide been recognized as PG teacher by KUHS: Yes / No

*If yes, please furnish the particulars of university letter & If No, Please send his/her
proforma for recognition as PG teacher*

Signature of the proposed Guide:

Name & Designation of Co-Guide if present:

Signature of the Co-Guide:

C: Endorsement for change of guide

1. Remarks and Signature of the HOD :

2. Reason for change of guide: Resigned / Retired/ any other

3. Remarks and Signature of the Principal:

Format for the submission of Dissertation Hard & Soft copy

Instructions to candidates

Although your dissertation may be prepared on a computer, consider the following requirements for meeting the standards.

Paper

Use only one side of high-quality, plain white (unlined in any way) bond paper, minimum 20-lb weight, and 8 ½ x 11 inches in size. Erasable paper should not be used.

Type Size and Print

Select fonts type Times New Roman and a size of 12 characters. The size of the titles should be 14 and Bold, the size of subtitles should be 12 and bold. Print should be letter quality or laser (not dot matrix) printing with dark black characters that are consistently clear and dense. Use the same type of print and print size throughout the document.

Pagination

Number all of the pages of your document, including not only the principal text, but also all plates, tables, diagrams, maps, and so on. Roman numerals are used on the preliminary pages (pages up to the first page of text) and Arabic numerals are used on the text pages. The numbers themselves can be placed anywhere on the page, however they should be consistent.

Spacing

Use double spacing except for long quotations and footnotes which are single-spaced.

Margins

To allow for binding, the left-hand margin must be 1.5 inches. Other margins should be 1.0". Diagrams, or photographs in any form should be a standard page size, or if larger, folded so that a free left-hand margin of 1.5 inch remains and the folded sheet is not larger than the standard page.

Photographs

Professional quality black-and-white photographs are necessary for clear reproduction.

Colors are allowed, but you should be certain the colored figure will copy clearly and will not be confusing when printed in black and white.

File Fomat

Dissertation format should be in .Doc (Ms Word Document) or PDF (Portable Document Format), Image files in JPG or TIFF format and Audio Visual in AVI (Audio Video Interleave), GIF, MPEG (moving picture expert) files format.

Labeling on CD

CD-ROM Labeling should be standard and should contain title, name of the candidate, degree name, subject name, and guide name, name of the department, college, place and year.

References

Vancouver style format.

5.2 Template for Mark List showing Maximum & Minimum

**KERALA UNIVERSITY OF HEALTH SCIENCES
THRISSUR – 680 596
STATEMENT OF MARKS**

Name of the Candidate Reg
No.
Name of the college
Name of course : M.Sc Nursing -Obstetric &Gynecological Nursing
Examination : First Year M.Sc Nursing Regular Examination Date of publication
:.....
Month & Year of Examination:



Sl. No	Subjects	Theory			Practical			Total			Result
		Max	Min	Awar ded	Ma x	Min	Awarde d	Max	Min	Awarde d	
1	Nursing Education	125	62.5		150	75		275	137.5		
2	Advanced Nursing Practice	125	62.5					125	62.5		
3	Nursing Research & Statistics	125	62.5					125	62.5		
4	Clinical Speciality - I Obstetric & Gynecological Nursing	125	62.5		200	100		325	162.5		
Grand Total								850	425		
Grand Total in Words											

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination



KERALA UNIVERSITY OF HEALTH SCIENCES

THRISSUR – 680 596

STATEMENT OF MARKS

Name of the Candidate

Reg

No.

Name of the college

Name of course : M.Sc Nursing -Obstetric &Gynecological Nursing Examination : Second Year

M.Sc Nursing Regular Examination Date of publication :.....

Month & Year of Examination:

Sl. No	Subjects	Theory			Practical			Total			Result
		Max	Min	Awar ded	Ma x	Min	Awarde d	Max	Min	Awarde d	
1	Nursing Management	125	62.5					125	62.5		
2	Dissertation & Viva Voce				200	100		200	100		
3	*Clinical Speciality - II Obstetric &Gynecological Nursing	125	62.5		200	100		325	162.5		
Total Marks Awarded in Second Year								650	325		
Total in Words											

A- Absent, P- passed, F-failed

Checked by

Asst

SO

AC/AR/DR

Controller of Examination

