



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

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MGM 47 M.Sc. NURSING

PROGRAMME OUTCOMES

PO1: Utilize/apply the concepts, theories and principles of nursing science

PO2: Demonstrate leadership qualities and function effectively as nurse educator and manager.

PO3: Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.

PO4: Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.

PO5: Establish collaborative relationship with members of other disciplines

PO6: Demonstrate interest in continued learning for personal and professional advancement.

PO7: Demonstrate advance competence in practice of nursing

PO8: Practice as a nurse specialist.

PROGRAMME SPECIFIC OUTCOMES

PSO 1: Analyses the global health care trends and challenges

PSO 2: Analyses the impact of health care and education policies in India on nursing consulting the documents available.

PSO 3: Accepts the accountability and responsibility in practicing the nurse practitioners roles and competencies

II. RESEARCH APPLICATION AND EVIDENCE BASED PRACTICE IN CRITICAL CARE

PSO 4: Applies sound research knowledge and skills in conducting independent research in critical care setting.

PSO 5: Participates in collaborative research to improve the patient care quality.

PSO 6: Analyses the evidence for nursing interventions carried out in critical care nursing practice to promote safety and effectiveness of care.

III. ADVANCED PATHOPHYSIOLOGY APPLIED TO CRITICAL CARE NURSING

PSO 7: Integrates the knowledge of pathophysiological process in critical conditions in developing diagnosis and plan of care

PSO 8: Applies the pathophysiological principles in symptom management and secondary prevention of critical illness

PSO 9: Analyses the pathophysiological changes relevant to each critical illness recognizing the value of diagnosis, treatment, care and diagnosis.

IV. ADVANCED PHARMACOLOGY RELEVANT TO CRITICAL CARE NURSING

PSO 10: Applies the pharmacological principles in providing care to critically ill patients and families.

PSO 11: Analyses pharmacotherapeutics and pharmacodynamics relevant to drugs used in critical care conditions

PSO 12: Performs safe drug administration based on principles and institutional protocols.

V. ADVANCED HEALTH /PHYSICAL ASSESSMENT IN CRITICAL CARE NURSING

PSO 13: Applies the physical assessment principles in developing appropriate system wise examination skills

PSO 14: Uses advanced health assessment skills to differentiate between variations of normal and abnormal findings.

PSO 15: Analyses the results of various investigations and works collaboratively for development of diagnosis.

VI. ADVANCED SKILLS IN LEADERSHIP, MANAGEMENT AND TEACHING SKILLS

PSO 16: Applies principles of leadership and management in critical care units.

PSO 17: Manages stress and conflicts effectively in critical care setting using sound knowledge of principles

PSO 18: Uses critical thinking and communication skills in providing leadership and managing patient care in ICU.

FIRST YEAR M.Sc. NURSING

ADVANCED NURSING PRACTICE

CO1: Appreciate and analyze the development of nursing profession.

CO2: Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.

CO3: Explain bio psycho-social dynamics of health, lifestyle and health care delivery system.

CO4: Discuss concepts, principles, theories, models and approaches relevant to nursing and their application.

CO5: Describe scope of nursing practice.

CO6: Provide holistic and competent nursing care following nursing process approach.

CO7: Identify latest trends in nursing and the basis of advanced nursing practice.

CO8: Perform extended and expanded role of nursing.

CO9: Described alternative modalities of nursing care.

CO10: Describe the concept of quality control in nursing.

CO11: Identify the scope of nursing research.

CO12: Use computer in patient care delivery system.

CO13: Appreciate importance of self development and professional advancement.

NURSING EDUCATION

CO14: Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.

CO15: Describe the teaching learning process.

CO16: Prepare and utilize various instructional media and methods in teaching learning process.

CO17: Demonstrate competency in teaching, using various instructional strategies.

CO18: Critically analyze the existing nursing educational programs their problems, issues and future trends.

CO19: Describe the process of curriculum development, and the need the methodology of curriculum changes, innovation and integration.

CO20: Plan and conduct continuing nursing education programs.

CO21: Critically analyze the existing teacher preparation programs in nursing.

CO22: Demonstrate skill in guidance and counseling.

CO23: Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.

CO24: Explain the development of standards and accreditation process in nursing education program.

CO25: identify research priorities in human education.

CO26: Discuss various models of collaboration in nursing education and services.

CO27: Explain the concept, principles, steps, tools and techniques of evaluation

CO28: Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

NURSING RESEARCH AND STATISTICS

CO29: Define basic research terms and concept.

CO30: Review literature utilizing various sources

- CO31:** Describe research methodology
- CO32:** Develop a research study
- CO33:** Communicate research findings
- CO34:** Utilize research findings
- CO35:** Critically evaluate nursing research studies.
- CO36:** Write scientific paper for publication
- CO37:** Explain the basic concepts related to statistics.
- CO38:** Describe the scope of statistics in health and nursing
- CO39:** Organize tabulate and present data meaningfully.
- CO40:** Use descriptive and inferential statistics to predict results.
- CO41:** Draw conclusions of the study and predict statistical significance of the results.
- CO42:** Describe vital health of the study and predict statistical significance of the results.
- CO43:** Use of statistical packages for data analysis.

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

- CO44:** Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty.
- CO45:** Apply concepts & theories related to health promotion.
- CO46:** Appreciate the client as a holistic individual.
- CO47:** Perform physical, psychosocial assessment of Medical – Surgical patients.
- CO48:** Apply Nursing process in providing care to patients.
- CO49:** Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
- CO50:** Recognize and manage emergencies with Medical- Surgical patients.
- CO51:** Describe various recent technologies & treatment modalities in the management of critically ill patients.
- CO52:** Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
- CO53:** Prepare a design for layout and management of Medical – Surgical Units.
- CO54:** Appreciate the role of alternative systems of Medicine in care of patients.

CO55: Incorporate evidence-based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.

CO56: Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.

CO57: Teach Medical – Surgical nursing to undergraduate nursing students & in-service nurses.

II YEAR M.Sc. NURSING NURSING MANAGEMENT

CO58: Describe the philosophy and objectives of the health care institutions at various levels.

CO59: Identify trends and issues in nursing

CO60: Discuss the public administration, health care administration vis a vis nursing administration

CO61: Describe the principles of administration applied to nursing

CO62: Explain the organization of health and nursing services at the various levels/institutions.

CO63: Collaborate and co-ordinate with various agencies by using multi-sectoral approach

CO64: Discuss the planning, supervision and management of nursing workforce for various health care settings.

CO65: Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

CO66: Identify and analyze legal and ethical issues in nursing administration

CO67: Describe the process of quality assurance in nursing services.

CO68: Demonstrate leadership in nursing at various levels

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

CO69: Appreciate trends and issues related to Critical Care Nursing.

CO70: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients

CO71: Describe the various drugs used in critical care and nurses responsibility

CO72: Perform physical, psychosocial & spiritual assessment

CO73: Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.

CO74: Demonstrate skill in handling various equipments/gadgets used for critical care

CO75: Provide comprehensive care to critically ill patients.

CO76: Appreciate team work & coordinate activities related to patient care.

CO77: Practice infection control measures.

CO78: Assess and manage pain.

CO79: Identify complications & take appropriate measures.

CO80: Discuss the legal and ethical issues in critical care nursing

CO81: Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety

CO82: Assist in various diagnostic, therapeutic and surgical procedures

CO83: Incorporate evidence-based nursing practice and identify the areas of research in the field of critical care nursing

CO84: Identify the sources of stress and manage burnout syndrome among health care providers.

CO85: Teach and supervise nurses and allied health workers.

CO86: Design a layout of ICU and develop standards for critical care nursing practice.


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