



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University)

Grade 'A' Accredited by NAAC

MGM NEW BOMBAY COLLEGE OF NURSING

5th Floor, MGM Educational Campus, Plot No. 1& 2, Sector-1

Kamothe, Navi Mumbai – 410 209.

M.Sc. NURSING PROGRAMME

Medical Surgical Nursing – (Critical Care Nursing)

PROGRAMME OUTCOME

After completing the M.Sc Nursing (Medical Surgical Nursing) Programme, the graduate will be able to;

1. Apply the concepts, theories and principles of nursing science in practice
2. Demonstrate leadership qualities and function effectively as nurse educator and manager.
3. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
4. Demonstrate the ability to plan and effect change in the health care delivery system.
5. Establish collaborative relationship with members of other disciplines
6. Demonstrate interest in continued learning for personal and professional advancement.
7. Demonstrate advance competence in practice of nursing
8. Practice as a nurse specialist.



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FIRST YEAR M.Sc. NURSING

COURSE OUTCOME

Advanced Nursing Practice

- CO1:** Appreciate and analyse 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 alterative 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.



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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 analyse 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 analyse the existing teacher preparation programs in nursing.
- CO22:** Demonstrate skill in guidance and counselling.
- 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 o 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.



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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 - Critical Care Nursing

- CO44:** Appreciate the trends & issues in the field of Medical – Surgical Nursing as a speciality.
- 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.



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- 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.



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SECOND 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 analyse 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



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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.