NURSING EDUCATION

PLACEMENT: First Year HOURS OF INSTRUCTION

Theory :	150 Hours
Practical:	150 Hours
Total :	300 Hours

COURSE DESCRIPTION

This course is designed to assist students to develop a broad understanding of fundamental principles, 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 health: 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 the methodology of curriculum changes, 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 counseling.
- 10. Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
- 11. Explain the development of standards and accreditation process in nursing education 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	ТОРІС	THEORY	PRACTICALS	мот	T/L ACTIVITIES
	 INTRODUCTION Education: definition, aims, concepts, philosophies & their education implication. Impact of social, economical, political & technological changes on education: Professional education Current trends and issue in education Educational reforms and national educational policy Trends in development of nursing education India. Concepts of Nursing education History of nursing education in India Philosophy and objectives of nursing education Purposes of nursing education in India Scientific approach in Nursing Current issues and emerging trends in Nursing education Liberal education and nursing education 	10		L	 Students to apply various philosoph ies of education s to nursing education Present the history of nursing education in India, issues & trends in nursing education
11	 OBJECTIVES AND THEIR CLASSIFICATION Meaning of educational objectives. Formulation and statement of objectives Classification of objectives Taxonomy of educational objectives Objectives and learning outcomes 	05	04	L/D	 Formulate objectives as per the domains and subject
	 TEACHING –LEARNING PROCESS Concepts of teaching and learning: Definition, theories of teaching and learning, relationship between teaching and learning. Competency based education (CBE) and outcome based education (OBE) Instructional design: planning and designing the lesson, writing lesson plan, meaning, its need and importance, formats. Instruction strategies: Lecture, discussion, demonstration, simulation, laboratory, seminar, panel, symposium, problem based learning(PBL), workshop, project, role play (socio drama), clinical teaching methods, programmed instruction, self directed learning (SDL), micro teaching, computer assisted learning(CAL) Sensitivity training and transactional analysis Training for nursing leadership Development of effective study habits 	30	28	L	 In clinicals supervise students prepare rotation plan Prepare lesson plan, Carry out practice teaching Carry out 2 microteach ing

IV	INSTRUCTIONAL MEDIA AND METHOD	10	06	L/D	Visit to
	 Key concepts in the selection and use of media in education. Developing learning resource material using different media Instructional aids- types, uses, selection, preparation, and utilization Teacher's role in procuring and managing instructional Aids- project and non projected aids, multi media, video-tele conferencing etc. 				IEC Bureau • Preparati on and utilization of Instructio nal aids
V	MEASUREMENT AND EVALUATION	10		L/D	
	 Concept and nature of measurement and Evaluation, meaning, principles, purpose, problems in evaluation and measurement. Principles of assessment, formative and summative assessment –internal assessment external examination, advantages and disadvantages Criterion and norm referenced evaluation Evaluation process Defining objectives for evaluation purposes. Relating evaluation procedures to objectives. Formative and summative evaluation Characteristics of evaluation 				 Relate evaluation to education al objective
VI	 STANDARDIZED AND NON STANDARDIZED TEST Meaning, characteristics, objectivity validity, reliability, usability, norms, construction of tests. Blue Print Essay, short answer questions and multiple- choice questions. Rating scales, checklist, OSCE/ OSPE Differential scales, and summated scales, sociometry, anecdotal record, attitude scale, critical incident technique Question bank-preparation, validation, 	10	15	L/D Work shop	 Prepare blue print Construct tests Reliability validity Prepare question bank Prepare an aptitude test for entrance
	moderation by panel, utilization Developing a system for maintaining confidentiality				examinati on for B.Sc. Nursing students
VII	 ADMINISTRATION, SCORING AND REPORTING OF TESTS Administrating a test, scoring, grading versus marks Objective tests, scoring essay test, methods of scoring, item analysis 	05		L/D	Carry out item analysis
VIII	 STANDARDIZED TOOLS Test of intelligence aptitude, interest, personality, achievement, socioeconomic status scale, tests for 	05	08	L/D	 Observe various tests Personality aptitude &

	special mental and physical abilities and disabilities				intelligence Formulate an aptitude test
IX	 NURSING EDUCATIONAL PROGRAMS Perspectives of nursing education: Global and national. Patterns of nursing education and training program in India. Non-university and university programs: ANM, GNM, Basic B.Sc. Nursing , Post certificate B.Sc. Nursing , M.Sc. (N) M Phil and Ph D post diploma program, Nurse practitioner programs 	05	10	L/D	 Visit to nursing institution s- ANM, GNM, B.Sc., M.Sc. Critically evaluate any nursing education al program in Maharash tra / India
X	 CONTINUING EDUCATION IN NURSING Concepts – Definition, importance, need, scope, principles of adult learning, assessments of learning needs priorities, resources. Program planning, implementation, and evaluation, of continuing education programs. Research in continuing education Distance education in nursing 	05	15	L/D	 Plan CNE Program me & conduct one workshop (group activity)
XI	 CURRICULUM DEVELOPMENT Definition, curriculum determinants, process & steps of curriculum development, curriculum models types and framework. Formulation of philosophy, objective, Mission statement. Selection and organization of learning experiences, current trends in clinical 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. Equivalency of courses: transcripts, credit system Curriculum committee Selection of text books Assignments 	10	10	L	 Prepare the mission statement philosoph y, education al objectives for a nursing education program me Formulate education al objectives for various lessons- eg FON, Medical – Surgical nursing Select learning experienc es for a specific subject

	 TEACHER PREPARATION Definition, nature of teaching Characteristics of good teaching Communication process in teaching Principles of teaching Maxims of teaching Levels of teaching Characteristics of an effective teacher Innovations in teaching Modification of teacher behaviour Teacher-roles & responsibilities, function, characteristics, Competencies, qualities Preparation of professional teacher Organizing professional aspects of teacher preparation programs Questioning technique Evaluation : Self and peer. Critical analysis of various programs of teachers education in India 	10	05	L/D	•	Applicatio n of principles and maxims of teaching Carry out any one innovative teaching strategy
XIII	 GUIDANCE AND COUNSELING Concepts and principles of guidance and counseling Purpose and phases of counseling Need for guidance and counseling in nursing education Types of guidance and counseling Difference between guidance and counseling Problems of guidance and counseling Responsibilities of the nurse administrator in student guidance and counseling Guidance and counseling services: diagnostic and remedial. Coordination and organization of services Techniques of counseling: interview, case work and characteristics of counselor Professional preparation and training for counseling 	10	08 + 16	L/D	•	Role play Visit to visually impaired Deaf and dumb gifted children, slow learner, mentally handicap ped
XIV	 ADMINISTRATION OF NURSING CURRICULUM Role of curriculum coordinator. Planning, implementation and evaluation. Evaluation of educational program in nursing course and program Factors influencing faculty staff relationship and techniques of working together. Concept of faculty supervisor (dual) position. Curriculum research in nursing Different models of collaboration between education and service 	10	05	L/D	•	Evaluate present curriculu m of any education al program GNM, B.Sc. Nursing

XV	 MANAGEMENT OF NURSING EDUCATION INSTITUTIONS Planning , organizing , staffing budgeting, recruitment, discipline, public relation, performance appraisal, welfare services, library services, hostels Development and maintenance of standards and accreditation in nursing education programm. Role of Indian Nursing council, state Registration Nursing councils, board and university. Role of professional association and unions 	08	08	L/D	 Visit to education al institution s Plan to set-up a SON/ CON Visit to INC/SNC
XVI	 EVALUATION OF CLINICAL PRACTICE IN NURSING Clinical evaluation methods Written communication methods as clinical evaluation Oral communication methods as clinical evaluation 	05	08	L/D	 Formulate clinical evaluatio n criteria: Conduct practical examinati on for undergra duate students
XVII	 INTERNAL ASSESSMENT Needs for internal assessment Component of internal assessment system Validity of internal assessment Advantage and disadvantage of internal assessment 	02	04	L/D	 Prepare an internal assessme nt system for particular education program me
I		150	150		

PLANNED ACTIVITIES:

 Panel discussion/group presentation – Educational psychology – Theories and laws of learning and

teaching, Personality, Intelligence, Individual differences, Motivation, Group Dynamics

- Framing philosophy, aims and objectives of an educational Institution
- Lesson Planning
- Micro teaching -2
- Conduct Practice teaching using different teaching strategies –10 (Classroom 5,Demonstration
- Construct a written objectives type test for the lessons taken.
- Construct tests, administer and determine reliability and validity.
- Preparation and utilization of instructional aids using different media.
- Design a curriculum for a basic B.Sc. Nursing Programme; Develop course plan, units plan, rotation plans,
- Prepare cumulative records for students.
- Prepare rotation plan for clinical practice

- Planning and organizing field visits
- Plan, conduct and evaluate a continuing nursing education workshop
- Annotated bibliography 10
- Critical evaluation of any nursing education program offered by a selected institution.
- Educational visit Educational institutions –GNM, B Sc, Diploma course etc
- Field visits (INC/SNC) to get familiar with recognition / registration process.
- 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 and mental disabilities tests.)
- Prepare aptitude test for entrance exams of B.Sc nursing students.
- Prepare a plan for evaluation of the students in the B.Sc nursing programme.
- Visit to schools gifted children, slow learners, mentally handicapped, deaf & dumb & visually impaired

METHODS OF TEACHING

Method of teaching

- Lecture cum discussion
- Demonstration
- Seminar/Presentation
- Project work
- Field visits
- Workshop

Methods of evaluation

- Written Tests
- Class room /Clinical teaching
- Presentation
- Project work
- Written assignments

INTERNAL ASSESSMENT

THEORY

Techniques	Weight age	
1. Midterm	50	
2. Prefinal	75	
3. Assignment		
AV Aids	25	
Seminar	25	
	175	Out of 25
PRACTICAL		
1. Learning resource material	25	
2. Curriculum Planning	25	
3. Practice teaching		practice teachings)
4. Conduct Workshop / Short Term Course	25	p
5. Prepare question bank	25	
	150	Out of 50
UNIVERSITY EXAMINATION		
W RITTEN EXAMINATION -	75 marks	
PRACTICAL		
1. Practice teaching –I	50	
2. Preparation /use learning resource material	-1 25	
3. Construction of tests	25	
	100	Out of 50

Total practical examination out of 100

THEORY EXAMINATION - UNIVERSITY						
Internal	Internal University Exam					
25	75	100				
Practical Inte	rnal University exam	Total				
50	50	100				

Books for Reference

- 1. Aggarwal J.C, "Principles, methods &Techniques of Teaching", Vikas Publishing House PVT Ltd, II Edn.
- 2. Basavanthappa B.T, "Nursing Education", Jaypee brothers, Edn I, 2005.
- 3. Bevis, Em Olivia, Curriculum Building in Nursing: A Process, Ed-2, C V Mosby Co, St. Louis. 1978.
- 4. George Kurian Aleyamma, "Principles of Curriculum Development and Evaluation", Vivekanandha Press, 2002.
- 5. Bhatia, Kamala & BHATIA,B.D, Principles and methods of teaching, Doabra house, New Delhi, 1970.
- 6. Billing, Diane M & HALSTEAD, Judith A: Teaching in Nursing: A guide for faculty, W.B. Saunders, Company, Philadelphia, 1998.
- 7. Bloom, Benjamin S Ed, Taxonomy of educational objectives: cognitive domain I David Mckay CO. Inc. New York. 1956.
- 8. DOABA guide
- 9. Fuszard, Barbara: Innovating teaching strategies in Nursing, Aspen Publishers Inc. Maryland.1989.
- 10. Gay. LR Educational evaluation and measurement Competencies for analysis and Application. Ed-2, Charles E.MERILL publishers Co. Columbus .1985.
- 11. Guilbert. J J, Educational Handbook for Health Personnel, World Health Organization, Geneva, 1982.
- 12. Guinee. Kathleen k; Teaching and Learning in Nursing, Macmillan, New York, 1978.
- 13. Joyce.B, etc, Models of teaching. Ed –4, Prentice Hall Inc, Englewood Cliffs, New Jersey, 1986.
- 14. Keay, F E, A History of education in India and Pakistan, Ed-4, Oxford University Press, London, 1964.
- 15. King, Imogene M, Curriculum and Instruction in Nursing, Concepts and process Appleton Century crafts, Norwalk., Connecticut, 1986.
- 16 KrathwohoL, David, R, etc, Taxonomy of educational objectives, Affective Domain I, David Mckay Company Inc., New Yotk, 1956.
- 17 Mccloskey, Joanne C & GRACE, Helen K, Current issues in Nursing Publishing Company Inc, New York, 1995.
- 18 Modley, Doris M, etc; Advancing Nursing Education world wide, Springer Publishing Co .New York,1995.
- 19 Neeraja K.P, "Text book of Nursing Education", Jaypee brothers.
- 20 O, Connor, Andrea B; Nursing staff development and continuing Education, Little Brown Company, Bonston, 1986
- 21 Sanatombi Elsa, "Manipal Manual of Nursing Education", CBS Publishers & Distributors, New Delhi, Ist Edn, 2006.
- 22 Supe, Rege, Bhuiyan, "The Art of Teaching Medical Students", Medical Education Technology Cell, 2nd edn, 2002.

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES

M.SC. NURSING PRACTICE TEACHING

PROFORMA FOR LESSON PLAN

Topic :	Name of the student :			
Sub Topic :	Name of the Guide :			
Unit :	Date :	Time:		
Venue :				
Class				
Taught:				
Method of Teaching				
Audio Visual Aids				
Previous Knowledge of the Group ;				

General Objective

Specific Objective

Sr. no	Specific objective	Duration	Content	Teacher/ Learner Activity	Audio Visual Aids	B/B Activity	Evaluation
			 Introduction Content Conclusion Assignment References 				

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES <u>M.SC. NURSING</u> <u>PRACTICE TEACHING</u>

EVALUATION FOR SEMINAR

Name of the stu	ident :	 			 	
Subject	:	 			 	 _
Торіс	:	 			 	 _
Group	:		Date: _	_I	 Time:	

Total Marks obtained out of 25:_____

Sr. No	Content	Marks allotted	Marks Obtained
1	Aims & objectives	02	
2	Organization of Content – Coverage of content simple to complex logical	03	
3	 Presentation Introduction Coverage of subject content Sequencing Depth of Knowledge Integration of subject matter Explanation and clarification Use of current literature Time limit 	05	
4	Audiovisual Aids	05	
5	Speaker's Qualities	05	
6	Group Discussion	2.5	
7	References	2.5	
	Total	25	

Remarks of the Guide :

Signature of the Guide Date

Signature of the student Date

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES

M.SC. NURSING PRACTICE TEACHING

PROFORMA FOR EVALUATION

Name of the student	:Group
Торіс	· · · · · · · · · · · · · · · · · · ·
Place	:
Name of the Evaluator	:Date:/Time:

Total Marks obtained out of 50:_____

Sr. No	Content	Marks allotted	Marks Obtained
1	LESSON PLAN		
	 General objectives stated clearly 		
	 Specific objectives stated in behavioral terms 	10	
	 Lesson plan followed in sequence 		
	 Bibliography upto date and complete 		
2	LEARNING ENVIRONMENT		
	 Physical set up of classroom (seating) 		
	 Classroom light adequate 	05	
	Well ventilated		
	 Motivates students 		
3	PREPARATION		
	 Coverage of subject content 		
	 Depth of Knowledge 		
	 Integration of subject matter 	10	
	 Speech- Clear, audible, well modulated 	10	
	 Explanation and clarification 		
	 Use of current literature 		
	Time limit		
4	USE OF AUDIOVISUAL AIDS		
	 Relevant, clear and visible 	10	
	Creativity	10	
	 Used effectively at the right time 		
5	QUESTIONING TECHNIQUE		
	 Questions equally, addressed to all 		
	 Well worded questions, no ambiguity 	05	
	 Thought provoking questions 	00	
	 Sufficient time allowed for answering 		
	 Questions relevant and challenging 		
6	ASSIGNMENT		
	 Appropriate to the lesson 		
	Clear	05	
	 Motivating 	00	
	 Explained to the students 		
	 Feedback given to the students 		
7	STUDENT TEACHER PERSONALITY		
	 Appearance grooming 	05	
	Confidence	00	
	 Mannerisms 		
	Total Marks	50	

Remarks of the Evaluator / Guide:

Signature of the Evaluator/ Guide:

Signature of the student: