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MSc NURSING LOG BOOK

Revised Ordinance Governing MSc Nursing Course (Practical Record)

THIRD EDITION



I Clement

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FIRST YEAR

Course of Study

Sl. No.	*Subjects*	*Theory*	*Practical*
	First Year		
1.	Nursing education	150	150
2.	Advance nursing practice	150	200
3.	Nursing research and statistics	150	100
4.	Clinical specialty-I	150	600
	Self study/Library		50
	Total	600	1100

Distribution of subjects and marks for internal assessment and university examination:

		Theory			*Practical*		
Sl. No.	*Subjects*	*Hours*	*Internal assessment*	*External assessment*	*Hours*	*Internal assessment*	*External assessment*
1.	Nursing education	3	25	75		50	50
2.	Advanced nursing practice	3	25	75			
3.	Nursing research and statistics	3	25	75			
4.	Clinical specialty-I	3	25	75		100	100
	Total		100	300			

Attendance of the Student (%):

Theory:

Clinical:

Signature of the Student **Signature of the Principal**

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Nursing Education

(Total practical hours-150)

Sl. No.	*Content*	*Date*	*Supervisor's Signature*
1.	**Curriculum construction**		
	Framing of philosophy, aims and objectives		
	Curriculum Planning:		
	Syllabus/Course plan		
	Unit plan		
	Lesson plan		
	Master rotation plan		
	Clinical rotation:		
	a. Hospital		
	b. Community		
	Plan for Curriculum Proposal		
2.	**Micro-teaching**		
	1.		
	2.		
3.	**Teaching methods—classroom**		
	Lecture		
	Demonstration		
	Laboratory		
	Field-trip		
	Simulation		
	Seminars		
	Symposium		
	Panel discussion		
	Problem-based learning		
	Role play		
	Computer-assisted learning		
4.	**Clinical teaching methods**		
	Nursing clinic-1		
	Nursing rounds-1		
	Case analysis-1		
	Process recording-1		
	Group health teaching-1		
5.	**Preparation of AV aids**		
	Slides		
	Overhead projector (OHP) transparencies		
	Models		
	Specimens		
	Flash cards		
	Flip card		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
	Printed material		
	LCD/PowerPoint		
6.	**Practical session**		
	Basic computer application		
	Use of television and video in nursing education		
7.	**Annotated bibliography**		
	1.		
	2.		
	3.		
8.	**Evaluation tools**		
8.1.	**Preparation of question paper**		
	Blueprint/Table of specification Construct administer and evaluate question paper:		
	• Objective type		
	• Essay type		
8.2.	**Construct, administer and evaluate clinical evaluation tool in the form of: Rating scale**		
	Observational checklist		
	Attitude scale		
	Objective structured clinical examination (OSCE)/objective structured practical examination (OSPE)		
	Differential scale		
	Summated scales		
	Anecdotal records		
8.3.	**Observe and practice**		
	Non-standardized test		
	Intelligence test		
	Aptitude test		
	Personality test		
	Physical and mental disability test		
	Sociometry		
9.	**Item analysis**		
	Steps		
	Test construction		
	Scoring the test		
	Evaluation		
10.	**Conduct continuing education**		
	Workshop		
	Seminar		
	Conference		
	In-service education		
	Case Presentations		
	Debate		
	Online mode:		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
	Computer Managed Learning (CML)		
	Computer Assisted Instruction (CAI)		
	Synchronous Online Learning		
	Asynchronous Online Learning.		
	Adaptive E-Learning		
	Linear E-Learning		
	Interactive Online Learning.		
	Individual Online Learning		
	Collaborative Online Learning		
11.	**Critical evaluation of an institutional nursing education program**		
	Formative evaluation		
	Summative evaluation		
	Cumulative record		
	Observation technique		
	Checklist		
	Likert scale		
12.	**Education visit report**		
	INC/SNRC		
	DCERT		
	Guidance and counseling centers		

Signature of the Coordinator

Signature of the HOD **Signature of the Principal**

First Year: Regular
Signature of the External Examiner Signature of the Internal Examiner

Supplementary-1
Signature of the External Examiner Signature of the Internal Examiner

Supplementary-2
Signature of the External Examiner Signature of the Internal Examiner

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Advanced Nursing Practice

(Total practical hours-200)

Sl. No.	*Content*	*Date*	*Supervisor's Signature*
1.	**Health assessment**		
	1.		
	2.		
2.	**Case studies with nursing process approach and theoretical basis (5)** Related to specialty-2		
	1.		
	2.		
	3. Related to emergency nursing		
	4. Related to ICU		
	5. Related to community		
3.	**Presenting comparative picture of theories**		
4.	**Advanced nursing procedures**		
	Hemodynamic monitoring		
	Pulse oxymetry		
	Lumbar puncture		
	Abdominal paracentesis		
	Blood transfusion		
	Peritoneal dialysis		
	Dialysis: Hemodialysis and peritoneal		
	Total parenteral nutrition		
	Cardiopulmonary resuscitation (CPR): Basic cardiac life support (BCLS) and advanced cardiovascular life support (ACLS)		
	ECMO (extracorporeal membrane oxygenation)		
	Tracheostomy		
	Mechanical ventilation		
	Pacemaker		
	Triage		
	Any other		
5.	**Extended and expanded role**		
	Emergency		
	ICU		
	Family care study		
	Evidence-based practice		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
	Nurse educator		
	Nurse researcher		
	Nurse anesthetist		
	Nurse oncologist		
	Nurse manager/administrator		
	Nurse practioner		
	a. **Advanced nurse practioner**		
	b. **Clinical nurse specialist**		
	Nurse entrepreneur		
6.	**Participation in various clinics**		
	Antenatal care (ANC)		
	Maternal and child health (MCH) clinic		
	Under five clinic		
	Postnatal		
	Family planning		
	Morbidity clinic		
	Anganwadi		
	Rural clinic		
	Mental health clinic		
	Addiction services clinics		
	Mobile clinics		
7.	Report of field visits		
	Genetic counseling center		
	Regulatory bodies		
	Health education bureau		
	Hospice/Palliative care		
	Biomedical waste management unit		
	Annotated bibliography		
	1.		
	2.		
	3.		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
8.	Computer applications for patient care delivery and nursing practice		
	a. Electronic medical record system (EMR)		
	b. Electronic prescriptions,		
	c. Personal digital assistants		
	d. Computer automated cancer detection		
	e. Computerized theater management applications		
	f. Hospital management system		
9.	Nursing informatics		
	a. Tele health		
	b. Tele medicine		
	c. Tele nursing		

Signature of the Coordinator

Signature of the HOD

Signature of the Principal

First Year: Regular
Signature of the External Examiner

Signature of the Internal Examiner

Supplementary-1
Signature of the External Examiner

Signature of the Internal Examiner

Supplementary-2
Signature of the External Examiner

Signature of the Internal Examiner

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Nursing Research

(Total practical hours-100)

Sl. No.	*Content*	*Date*	*Supervisor's Signature*
1.	**Problem identification and formulation of objectives**		
2.	**Problem presentation**		
3.	**Journal club presentation**		
	1.		
	2.		
	3.		
4.	**Protocol presentation**		
5.	**Theoretical/conceptual framework**		
6.	**Annotated bibliography card submission**		
	1.		
	2.		
	3.		
	4.		
	5.		
7.	**Review of literature submission**		
8.	**Preparation of a sample research tool**		
8.	**Writing scientific paper**		
10.	**Critique on research article**		
	1.		
	2.		
	3.		
11.	**Tool construction**		
	Blueprint		
	Preparation of tool		
	Tool validation and reliability		
12.	**Pilot study and presentation**		
13.	**Data collection**		
	Interview		
	Questioner and survey		
	Observation method		
	Documents and records		
	Delphi techniques		
	Online forums		
	Web survey chats		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
14.	**Analysis of data**		
15.	**Interpretation of the data**		
16.	Dissertation report presentation		
17.	Submission of dissertation		
18.	Research presentation		
19.	Utilization and communication of research findings		

Signature of the Coordinator

Signature of the HOD

Signature of the Principal

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Biostatistics

(Total practical hours-300)

Sl. No.	*Content*	*Date*	*Supervisor's Signature*
1.	Organization and tabulation of data		
2.	Graphical presentation of data		
3.	Exercise practice of descriptive and inferential statistics		
4.	Practice in using statistical package		
5.	Computation of vital statistics		

Signature of the Coordinator

Signature of the HOD

Signature of the Principal

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Nursing Specialty-I
Medical Surgical Nursing-1

(Total practical hours-650)

Sl. No.	*Content*	*Date*	*Supervisor's Signature*
1.	**Nursing process application—(8) one in each area**		
	Cardiac condition		
	Respiratory condition		
	Gastrointestinal tract (GIT)		
	Neuro		
	Nephron/Urology		
	Orthopedic		
	Oncology		
	Endocrine		
2.	**In depth case presentation—(2) in any area**		
	1.		
	2.		
3.	**Special skills to be acquired in clinical practice—(8) one in each area**		
	Cardiac condition		
	Respiratory condition		
	GIT		
	Neuro		
	Nephron/Urology		
	Orthopedic		
	Oncology		
	Endocrine		
4.	**Respiratory function**		
	Respiratory assessment		
	Measurement of oxygen saturation by pulse oximetry		
	Airway management and suctioning		
	Care of clients with ICD		
	Postural drainage		
	Chest physiotherapy		
	Oxygen administration		
	Pulmonary function test		
	Bronchoscopy		

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Sl. No.	*Content*	*Date*	*Supervisor's Signature*
	Nebulization		
	Thoracentesis		
	Arterial blood gas analysis and interpretation		
	Intubation and extrubution		
	Mechanical ventilation		
	ECMO therapy (extracorporeal membrane oxygenation)		
5.	**Cardiovascular, circulatory**		
	Cardiac assessment		
	ECG interpretation		
	Stress tests		
	Angiography		
	Cardiac catheterization		
	Blood transfusion		
	Cardiac monitoring		
	Thrombolytic therapy		
	Defibrillation		
	Cardiac diet		
	Pacemaker		
	Crash cart		
	Cardiopulmonary resuscitation (BCLS and ACLS)		
6.	**Digestive and gastrointestinal function**		
	Colostomy care		
	Assessment: GI system		
	Gastric function test		
	Paracentesis		
	Barium is swallowed and X-rays		
	Gastric intubation and feeding		
	Gastraostomy feeding		
	Gastric lavage		
	Gastric analysis		
	Esophageal balloon		
	Endoscopy		
	a. Flexible Sigmoidoscopy		
	b. Colonoscopy		
	c. Endoscopy ultrasound		
	d. Video capsule endoscopy		

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MSc Nursing Log Book

Revised Ordinance Governing MSc Nursing Course

(Practical Record)

THIRD EDITION

I Clement

Doctorate of Philosophy in Nursing (PhD)
MSc Nursing (Medical Surgical Nursing) MA (Sociology) MSc (Psychology)
MBA (Education) MA (Child Care and Education) MA (Education) MPhil (Education)
Postgraduate (Hospital Administration)

Presently
Professor and Head
Department of Research and Development
RV College of Nursing
Bengaluru, Karnataka, India

Formerly
Principal and Professor
Department of Medical Surgical Nursing
Columbia College of Nursing
Bengaluru, Karnataka, India

Formerly, Principal
VSS College of Nursing
Bengaluru, Karnataka, India

PhD Guide, Examiner, Thesis Evaluator
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Bengaluru, Karnataka, India

Chief Editor for Nursing Journals
Editorial Chief for Various International Nursing Journals

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The Health Sciences Publisher

New Delhi | London

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MSc Nursing Log Book (Practical Record)

First Edition: 2011

Second Edition: 2021

Third Edition: **2022**

ISBN 978-93-5465-248-6

Printed at

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Guidelines to Use the Practical Record

General Objectives

Students will be able to understand, comprehend, correlate the theory with practical and develop skills in performing various procedures based on scientific principles and rationale for every step adapted.

Contributory Objectives

In the clinical postings, students will be able to:

- Correlate the theory with practice.
- Practice the learned scientific principles for each procedure done for the patient.
- Demonstrate the skills in performing the procedure.
- Develop and apply the skills in assessment, planning, implementation with rationale and evaluating the nursing care in hospital and in community.
- Perform any procedure systematically. The steps of procedure and provide care based on priority needs of patient.
- Assess the learning needs of patient and provide health education.
- Develop ability to record and report.

Instructions for Use of Procedure Record/Cumulative Record

- Procedure record is a clinical evidence of each student; therefore, every student needs to handle this record carefully, keep it safe and fulfill requirements mentioned in the record.
- Procedure record front page regarding student's information is to be filled, fix passport size photograph, cover the record and label it.
- Procedure done by the student in the clinic should get signature in the clinical column after performing three times, to ensure satisfaction by the staff after attending viva of the same procedure.
- Students should ensure that they get signature from internal and external examiners after successful completion of practical examination each year.
- The purpose of maintaining a record of practical work is to ensure that the student–nurse has been instructed in the various nursing procedures and she/he has performed the procedure to the satisfaction of the tutor/clinical instructor/ward-sister.
- The student should be given an opportunity to practice the procedure in the clinical side, as early as possible following the classroom learning.
- The student–nurse is responsible for getting the sheet filled in and should realize that it is a part of his/her training to seek opportunities for new experience and practice.

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Preface to the Third Edition

It gives me immense pleasure to draft this third edition of *MSc Nursing Log Book*, first of all I would like to thank my Lord Almighty for his wonderful blessings who gave me strength to complete this record book in time, nursing is a noble service to individuals, families and society. It is based upon art and science that mold the attitude, intellectual competencies and practical skills of the individual nursing student. The scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their lifespan in a wide variety of healthcare setting. "Practice makes a person perfect" as per this proverb, in order to practice, the nursing procedures properly every nursing student requires a record book.

This record book has been prepared with comprehensive approach, which will be very useful to all MSc Nursing students and act as an essential tool to document their practiced skill also serve as legal evidence about their knowledge and practice of being a licensed nurse to practice nursing in future.

This record book has been revised and added all required nursing procedures of all subjects as recommended , record book has been strictly prepared as per Indian Nursing Council syllabus, this record book reflects initially with course distribution an highlights the required practical hours, for respective subjects gives idea about setting a target to complete the procedures, as per requirement, it also has the separate allocation to get documented after being supervised and students can get signed for demonstration and re-demonstration of nursing procedure and other required practical procedures for completion of the course, definitely this record book will help all the students to practice a comprehensive approach to integrate theory into practice.

In the clinical postings, students will be able to correlate the theory with practice and develop skill to implement nursing theory with nursing process application, practice the learned scientific principles for each nursing procedure done for the patient, and re-demonstrate the learned skills in performing the procedure, develop and apply the skills in assessment, planning, implementation with rationale and evaluating the nursing care in hospital and in community. This record assure right steps of procedure and provide care based on priority needs of patient, develop skill to assess the learning needs of patient and provide health education. Develop ability to record and report.

I am sure that all students will use this record to practice the nursing procedure.

I Clement

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Preface to the First Edition

Nursing procedures are the vital components in a clinical practice, which require thorough knowledge, adequate and repeated practices. These procedures should be learned in an organized fashion by using this excellent practical record, which fulfills the requirements of Indian Nursing Council (INC) and Rajiv Gandhi University of Health Sciences (RGUHS), Bengaluru, Karnataka, India.

The nursing procedures may be demonstrated at the classrooms, laboratories, wards by the nursing tutors/clinical instructors/ward in-charges. The nursing students are expected to pay attention, motivation and interest to take active participation to learn the new skill. Nursing procedures are life-oriented procedures so the human concern, value and ethical components should be taken into consideration.

This record provides the information regarding the practical experience gained by the student–nurse under strict clinical supervision during the course. The procedures that are carried out or learned by the student in all the specialties accordingly to year-wise are listed out. This procedure record is a written document, which is very important for the students as well as for the teachers to assist the learning process of the students.

The nursing students take opportunity to practice the procedure in the clinical areas as early as possible. When the student–nurse is proficient in his/her skill and knowledge of a particular procedure, signature is obtained from the clinical instructor/supervisor in the columns provided.

The nursing procedures should be learned by using the principles of nursing, such as uniformity, simple to complex and to save time, material and energy. The practical record should be certified by the class-coordinator, principal, every year before the annual practical examination and should be submitted to the examiners at the time of board examination.

I Clement

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Name of the Student (In BLOCK letters) : _____

_____

Passport size photo

Name of the Institute : _____

_____

Registration No. : _____

Batch : _____

Year of Study from : _____ **To** _____

Specialty in MSc Nursing : _____

As partial fulfillment of requirement for MSc Nursing given by
Indian Nursing Council, New Delhi, India

CERTIFICATION

This is to certify that the student has fulfilled the entire requirement as per university regulations and is eligible to appear for the university examination.

Date

Signature of the Principal

First Year (Regular)
Repeat:

Second Year (Regular)
Repeat:

This log book should be submitted to principal before university examination with all assignments and record work done during the year for certification.

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MSc NURSING LOG BOOK

HIGHLIGHTS

- Strictly prepared based on curriculum formulated by Indian Nursing Council (INC) and applicable to all the universities organizing master degree in nursing
- Complete practical record cover the entire clinical experiences
- MSc log book/practical record regulates the clinical practice
- Prescribed requirements of the university and apex body are essential
- Helps students to plan and practice the clinical experience
- Gives vision to organized and learns better the specialty area
- The sequences are prescribed facilities organized learning
- Provides insight to apply theory into practice
- Current and recent procedures are updated
- Helps the coordinator to have control in clinical areas
- Medical surgical subspecialties are reviews by the subject experts and their corrects are incorporated
- Promotes and provides the learner to apply and update with the technological advancement.

I Clement is Professor and Head, Department of Research & Development, RV College of Nursing, Bengaluru, India. He has obtained Doctorate in Nursing from Sri Ramachandra University, MSc (Nursing) from The Tamil Nadu Dr MGR Medical University, MA (Sociology) from Annamalai University, MA (Child Care and Education) from Alagappa University, Tamil Nadu; PG (Hospital Administration) from New Delhi. He received Florence Nightingale Award from Shri Bhardwaj, Governor of Karnataka His Excellency at Raj Bhavan, Bengaluru on International Nurses Day. He is an eminent author and a dynamic personality with a thirst for continuing education in nursing and the allied sciences. He is a Life Member of Nursing Research Society of India, Trained Nurses Association of India, Christian Medical Association of India (New Delhi), Indian Society of Psychiatric Nursing (Bengaluru), Medical Surgical Nursing Society of India (Chennai), Indian Society of Neuroscience Nursing (New Delhi), Asian Association of Cardiac Nurses (Kolkata), Indian Red Cross Society, St Johns Ambulance Association (Bengaluru) and General Secretary of Indian Society of Medical Surgical Nurses. He has contributed articles to Nightingale Nursing Times (New Delhi), Nurses of India, The Nursing Journal of India, Asian Journal of Cardiac Nurses. He has organized many workshops and conferences, presented research and scientific papers in various conferences and workshops at state, national and international level. Presently, he is Member of National Editorial Advisory Board for International Journal of Practical Nursing, New Delhi.

Printed in India

Available at all medical bookstores
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Medical Publishers (P) Ltd.
EMCA House, 23/23-B, Ansari Road,
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