

**PROGRAMME STRUCTURE AND SCHEME OF EXAMINATION
(Ph.D. Nursing Sciences)**

Semester	SEMESTER-I (YEAR-1) COURSEWORK										
	Course Code	Title of the Paper(s)	Course Type	Credits					Marks		
				L	T	P	D	C	EA	IA	TM
SEMESTER-I	PHDNSG-101	RESEARCH METHODOLOGY	CC	4	0	0	0	4	80	20	100
	PHDNSG-102	RESEARCH AND PUBLICATION ETHICS	CC	2	0	0	0	2	80	20	100
	PHDNSG-103	NURSING SCIENCE & THEORY DEVELOPMENT INCLUDING LEADERSHIP	CC	3	0	0	0	3	80	20	100
	PHDNSG -104	ADVANCED NURSING COMPETENCY AND PRACTICE	MS	2	0	0	0	2	80	20	100
	PHDNSG -105	CREDIT SEMINAR	CC	0	1	0	0	1	-----	100	100
	SUB-TOTAL				11	1	0	0	12	320	180
* Minor Subject (MS) (Compulsory)											
CC/: Compulsory Course / MS: Minor Subject Core/ L: Lecture/ T: Tutorial/ P: Practical/ D: Dissertation/ C: Credit/ EA: External Assessment/ IA: Internal Assessment/ TM: Total Marks											

**PROGRAMME STRUCTURE AND SCHEME OF EXAMINATION
(Ph.D. Nursing Sciences)**

SEMESTER-II-VI (YEAR-1-3)

Semester	Course Code	Title of the Paper(s)	Course Type	Credits					Marks		
				L	T	P	D	C	EA	IA	TM
SEMESTER-II	PHDNSG-121	SYNOPSIS SEMINAR	CC	0	3	0	0	3	---	---	---
SEMESTER-II	PHDNSG-131	DISSERTATION	RP/D	0	0	0	15	15	---	---	---
SEMESTER-III	PHDNSG-131	DISSERTATION	RP/D	0	0	0	15	15	---	---	---
SEMESTER-IV	PHDNSG-131	DISSERTATION	RP/D	0	0	0	15	15	---	---	---
SEMESTER-V	PHDNSG-131	DISSERTATION	RP/D	0	0	0	15	15	---	---	---
SEMESTER-VI	PHDNSG-131	DISSERTATION	RP/D	0	0	0	15	15	320	180	500
SUB-TOTAL				0	3	0	75	78	---	---	---

GRAND TOTAL OF ALL SEMESTERS (I-VI)

Semester	Course Code	Title of the Paper(s)	Course Type	Credits					Marks		
				L	T	P	D	C	EA	IA	TM
SEMESTERS- (I-VI)	GRAND TOTAL OF ALL SEMESTERS (I-VI)			11	4	0	75	90	640	360	1000
	CC/CT: Compulsory Course or Core Theory/ L: Lecture/ T: Tutorial/ P: Practical/ D: Dissertation/ C: Credit/ EA: External Assessment/ IA: Internal Assessment/ TM: Total Marks										

BABA FARID UNIVERSITY OF HEALTH SCIENCES

PHDNSG-101::RESEARCH METHODOLOGY (Semester-I)

L+T+P+D : 4+0+0+0
Credits: : 4
Contact hours : 56

Relative weightage
Internal Assessment/Exam : 20
End-semester Examination : 80

Unit	Content	Lectures (in hrs)
I	History, myths and ethnic practices; need, importance and impact of research; types of research; research process.	5
II	Synopsis writing: Selecting research problem, formulation of research projects; survey of literature; research infrastructure; experimental designs; sampling designs; recording of observations; measurement and scaling techniques; GLPs.	8
III	Formulation and types of hypothesis; collection, maintenance, storage and analysis of data; measures of central tendencies and relationships and error analysis; tests of significance.	7
IV	Compilation and presentation of results, Writing of manuscripts; research reports and thesis; organization of reference material using endnote; bibliography; plagiarism; IPR and patent application, entrepreneurship.	8
V	Financial support and various funding agencies; Multidisciplinary and multi-institutional research; writing research proposal for external funding.	6
VI	Computer and informatics; introduction; word processing, excel, power point presentation; graph and figure plotting; web browsing; information resources and various databases.	8
VII	Demonstration of departmental research activities and instrumentation.	14

BABA FARID UNIVERSITY OF HEALTH SCIENCES

PHDNSG-102:: RESEARCH AND PUBLICATION ETHICS (Semester-I)

L+T+P+D	:	2+0+0+0	Relative weightage	
Credits:	:	2	Internal Assessment/Exam	: 20
Contact hours	:	28	End-semester Examination	: 80

Unit	Contents	Lectures (in hrs)
I	Philosophy and Ethics: Introduction to philosophy: definition, nature and scope, concept, branches. Ethics: definition, moral philosophy, nature of moral judgements and reactions.	4
II	Scientific Conduct: Ethics with respect to science and research. Intellectual honesty and research integrity. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP). Redundant publications: duplicate and overlapping publications, salami slicing. Selective reporting and misrepresentation of data.	5
III	Publication Ethics: Publication ethics: definition, introduction and importance. Best practices / standards setting initiative and guidelines: COPE, WAME, etc. Conflicts of interest. Publication misconduct: definition, concept, problems that lead to unethical behaviour and vice versa, types. Violation of publication ethics, authorship and contributorship. Identification of publication misconduct, complains and appeals. Predatory publishers and journals.	7
IV	Open Access Publishing: Open access publications and initiatives. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies. Software tools to identify predatory publications developed by SPPU. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggested, etc. Publication Misconduct: Group Discussions: Subject specific ethical issues, FFP, authorship. Conflicts of interest. Complaints and appeals: examples and fraud from India and abroad. Software tools: Use of plagiarism software like Turnitin, Urkund and other opensource software tools.	7
V	Databases and Research Metrics: Databases: Indexing databases. Citation databases: Web of Science, Scopus, etc. Research Metrics: Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score. Metrics: h-index, g index, i10 index, altmetrics.	5

BABA FARID UNIVERSITY OF HEALTH SCIENCES

PHDNSG-103:: NURSING SCIENCES & THEORY DEVELOPMENT INCLUDING LEADERSHIP (Semester-I)

L+T+P+D	:	3+0+0+0	Relative weightage	
Credits:	:	3	Internal Assessment/Exam	: 20
Contact hours	:	42	End-semester Examination	: 80

Unit	Contents	Lectures
SECTION – A. NURSING LEADERSHIP IN HEALTH CARE DELIVERY SYSTEM		
I	I. Current health issues and policies <ul style="list-style-type: none"> • Analysis of current health problems - national & global • Health care delivery system in India • National health policy, population policy and alternative systems of medicine, National Educational Policy (NEP) • Health policy issues relevant to nursing practice - Development of nursing services in health policy • The functions and roles of law in health care delivery - Existing legislations related to nursing. Laws for new and emerging roles (e.g.) Nurse practitioner, private practice (nursing homes) • Social system and health policy • Politics and health policy - lobbying for development of nursing profession • Health economics and health policy (economics of health care and nursing) • Health insurance • Quality improvement including accreditation 	8
II	II. Nursing leadership <ul style="list-style-type: none"> • Leadership theories including transformational versus transactional leadership • Nursing leadership and decision making • Nursing leadership and change process • Human resource planning and management by nurse leaders • Profession building in health care system - advocacy, lobbying • Human relations <ul style="list-style-type: none"> ○ Valuing human being • Communication skills 	5
III	III. Nursing informatics <ul style="list-style-type: none"> • Nursing management information system, Networking institutions through literature search. • Nursing Universities, Internet, Literature search • Knowledge about basic computers 	4
SECTION - B. PHILOSOPHY OF NURSING SCIENCE AND THEORETICAL PERSPECTIVES		

IV	<ul style="list-style-type: none"> • Introduction to the course, study of philosophy, history of philosophy • History and philosophy of nursing science • Nursing as a science and a discipline (evolution and development) • Nursing knowledge and development <ul style="list-style-type: none"> ○ Historical roots ○ Domains of nursing ○ Paradigms in nursing ○ Knowledge development • Paradigms that influence approach to nursing science development • Epistemological and ontological assumptions of diverse approaches to knowledge generation in nursing 	7
SECTION – C. NURSING THEORIES AND THEORY DEVELOPMENT		
V	<p>Epistemology</p> <ul style="list-style-type: none"> ▪ Concepts, statements and theories ▪ Strategies for theory development ▪ Evaluation of theories ▪ Metatheory 	5
VI	<p>Overview of theory in nursing</p> <ul style="list-style-type: none"> ▪ Overview of theory ▪ Importance of theory in nursing ▪ Historical overview ▪ Classification of theories in nursing ▪ Issues in theory development in nursing ▪ Nursing Theory: an examination of the concept development of nursing theory 	5
VII	<p>Overview of nursing theories The theorists and the theories</p> <ul style="list-style-type: none"> ▪ On nursing clients, On human being - Environment interactions, On interactions, On nursing therapeutics, Other theories: Practice level/Prescriptive/situation specific theories ▪ Analysis of nursing theories & evaluation of nursing theories ▪ Nursing theory and practice ▪ Nursing theory and research ▪ Inter relationships between science, theory, practice and research in nursing. 	8

BABA FARID UNIVERSITY OF HEALTH SCIENCES

PHD -104:: Minor Subject
Advanced Nursing competency and Practice
(Semester-I)

L+T+P+D	:	2+0+0+0	Relative weightage		
Credits:	:	2	Internal Assessment/Exam	:	20
Contact hours	:	28	End-semester Examination	:	80

Unit	Content	Lectures
I	<p>Professional Foundations & Health Governance</p> <ul style="list-style-type: none"> • Evolution of nursing profession: national and global perspectives • Characteristics and criteria of a profession • Code of Ethics & Professional Conduct (as per the Indian Nursing Council) • Professional autonomy, accountability, legal frameworks and professional visibility • Regulatory bodies and professional organizations in nursing governance • Stakeholder analysis in healthcare systems <p><i>Doctoral Focus: Strengthening professional identity, governance analysis, professional autonomy, ethical practice and accountability.</i></p>	5
II	<p>Epidemiology & Population Health Sciences</p> <ul style="list-style-type: none"> • Advanced epidemiological approaches and analytical methods • Morbidity, mortality, disease causation and risk modelling • Screening, surveillance and population monitoring systems • Application of epidemiology in health informatics and digital health platforms <p><i>Doctoral Focus: Integration of epidemiology in translational research and population-based nursing models.</i></p>	4
III	<p>Nursing Process & Bio-Psycho-Social Pathology</p> <p>Advanced Nursing Process</p> <ul style="list-style-type: none"> • Comprehensive multidimensional assessment • Clinical reasoning, diagnostic inference and decision science • Advanced care planning and outcome evaluation <p>Bio-Psycho-Social Foundations</p> <ul style="list-style-type: none"> • Pathophysiology and psychodynamics of disease • Homeostasis and adaptive life processes • Lifestyle determinants and chronic disease mechanisms <p><i>Doctoral Focus: Integration of theoretical, biological and psychosocial models into complex clinical systems.</i></p>	4
IV	<p>Advanced Clinical Nursing & Complex Care Systems</p> <ul style="list-style-type: none"> • Oxygen insufficiency and respiratory compromise • Fluid-electrolyte imbalance and shock states • Pain science and altered consciousness • Infection prevention and biomedical waste governance • Cardiopulmonary resuscitation and end-of-life ethics 	7

	<ul style="list-style-type: none"> • Expanded and independent roles of advanced practice nurses • Disaster nursing and geriatric complexity • Innovations and evidence integration in nursing care <p><i>Doctoral Focus: Advanced clinical reasoning, systems-based practice, and evidence translation in high-acuity environments.</i></p>	
V	<p>Human Relations, Psychological Dimensions & Emerging Practice Issues</p> <p>Psychological & Relational Foundations</p> <ul style="list-style-type: none"> • Human behaviour and personality development • Group dynamics and organizational behaviour • Growth and development across the lifespan • Stress, crisis intervention, coping and grief processes <p>Emerging & Advanced Practice Issues</p> <ul style="list-style-type: none"> • Quality assurance and clinical governance in nursing • Telenursing, IEC and digital health communication • Theories, models and approaches applied to midwifery practice • Gender sensitivity and women empowerment • Transcultural nursing perspectives • Artificial Intelligence in healthcare • Precision medicine and personalized care <p><i>Doctoral Focus: Psychosocial integration, digital transformation, cultural responsiveness, and interdisciplinary collaboration in advanced nursing practice.</i></p>	8