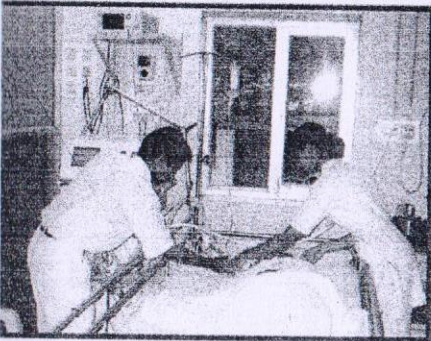
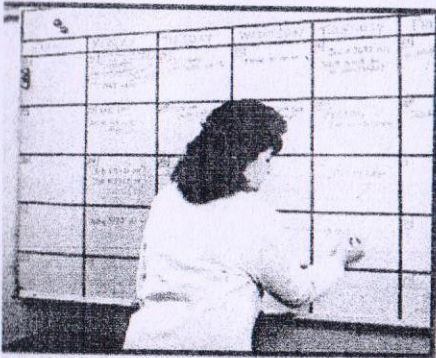


Syllabus

Basic B.Sc. Nursing



Indian Nursing Council

8th Floor, NBCC Centre, Plot No. 2, Community Centre,
Okhla Phase-1, New Delhi-110020

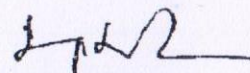
PREFACE

Indian Nursing Council is a statutory body under the Ministry of Health and Family Welfare, Govt. of India. The main function of INC is to achieve Uniform Standards of Nursing Education in the country. National Health Policy 2002 has emphasized on improving the skill-level of nurses, and on increasing the ratio of degree-holding nurses vis-à-vis diploma-holding nurses.

The revision of syllabus was undertaken by the Indian Nursing Council. This process was initiated by having series of consultations with the various experts, nursing teachers and nursing service personnel from administration and Universities. The duration of the programme is 4 years including 6 months internship.

While revising the syllabus the INC has taken into account the minimum infrastructure required i.e., Physical, Clinical, Laboratory, Library facilities and Teaching Staff. In order to facilitate the teachers to effectively implement the revised syllabus, Indian Nursing Council has developed the syllabus in a new format wherein details of the units has been worked out. I am confident that this revised syllabus will be able to prepare nurses to provide qualitative nursing care in the hospitals and community health settings.

I take this opportunity to acknowledge the contribution of Dr. Manju Vatsa, Principal, AIIMS (Chairperson) and other core committee members in the preparation of this document. I also acknowledge Ms. K.S. Bharati for designing and formatting the document.



(T. Dileep Kumar)
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PHILOSOPHY

INC believes that:

Health is a state of well-being that enables a person to lead a psychologically, socially and economically productive life. Health is a right of all the people. Individuals, families and communities have a responsibility towards maintaining their health.

Nursing contributes to the health services in a vital and significant way in the health care delivery system. It recognizes national health goals and is committed to participate in the implementation of National Health policies and programmes. It aims at identifying health needs of the people, planning and providing quality care in collaboration with other health professionals and community groups.

Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological and behavioural sciences, medicine and nursing.

Nursing is based on values of caring, and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behaviour among its practitioners to provide care with respect and dignity and protect the rights of individuals & groups.

Undergraduate nursing program is broad based education within an academic framework specifically directed to the development of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.

The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self directed learning and foster an attitude of life long learning.

Undergraduate nursing education program prepares its students to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

AIMS

The aim of the undergraduate nursing program is to:

- Prepare nurses to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services.
- Prepare nurses who can make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinical/public health setting.

OBJECTIVES

On completion of the four year B.Sc. Nursing program the graduate will be able to:

1. Apply knowledge from physical, biological, and behavioural sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
2. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
4. Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
5. Utilize the latest trends and technology in providing health care.
6. Provide promotive, preventive and restorative health services in line with the national health policies and programmes.
7. Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
8. Communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and teamwork.
9. Demonstrate skills in teaching to individuals and groups in clinical/community health settings.
10. Participate effectively as members of the health team in health care delivery system.
11. Demonstrate leadership and managerial skills in clinical/community health settings.
12. Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
13. Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

Minimum Requirements for B.Sc. (Nursing) Programme in a College of Nursing

PHYSICAL FACILITIES

TEACHING BLOCK:

The College of Nursing should have a separate building/teaching block. For a College with an annual admission capacity of 40-60 students, the constructed area of the College should be 23700 square feet.

The College of Nursing can be in a rented/leased building for first two years. After two years institute shall have own building in an institutional area. Otherwise Rs. One lakh penalty has to be paid for every year for 3 years. During the penalty period institute shall be able to construct own building. If the institution is not able to have their own building, permission/suitability will be withdrawn and however institution will be given chance to submit the proposal towards first inspection as per the latest guidelines.

The details of the constructed area are given below for admission capacity of 40-60 students:

S. No.	Teaching Block	Area (Figures in Sq. ft.)
1.	Lecture Hall	4 @ 900 = 3600
2.	(i) Nursing Foundation Lab	1500
	(ii) Community Health N Nursing (CHN) Lab	900
	(iii) Nutrition Lab	900
	(iv) Obstetrics and Paediatrics Lab	900
	(v) Pre-Clinical Sciences Lab	900
	(vi) Computer Lab	1500
3.	Multipurpose Hall	3000
4.	Common Room (Male & Female)	1000
5.	Staff Room	800
6.	Principal Room	300
7.	Vice Principal Room	200
8.	Library	2400
9.	A.V. Aids Room	600
10.	One room for each Head of Departments	5 @ 200 = 1000
11.	Faculty Room	2300
12.	Provision for Toilets	1000
	Total	23700 Sq. Ft.

Adequate hostel/residential accommodation for students and staff should be available in addition to the above mentioned built up area of the Nursing College respectively.

Note:

1. Nursing educational institution should be in institutional area only and not in residential area.
2. If the institute has non-nursing programme in the same building, nursing programme should have separate teaching block.

3. Shift-wise management with other educational programmes will not be accepted.
4. Separate teaching block should be available if it is in hospital premises.
5. According to the number of students the size of the built-up area will increase proportionately.
6. School and College of Nursing can share laboratories, if they are in same campus under same name and under same trust, that is the institution is one but offering different nursing programmes. However, they should have additional equipments and articles proportionate to the strength of students. **And the class rooms should be available as per the requirement stipulated by Indian Nursing Council for each programme.**

1. Class Rooms

There should be at least four class rooms with the capacity of accommodating the number of students admitted in each class. The rooms should be well ventilated with proper lighting system. There should be built in Black/Green/White Boards. Also there should be a desk/dais/a big table and a chair for the teacher and racks/cupboards for keeping teaching aids or any other equipment needed for the conduct of classes.

Departments: College should have following departments:

1. Medical Surgical Nursing
2. Community Health Nursing
3. Obstetrics & Gynaecological Nursing
4. Child Health Nursing/Paediatric Nursing
5. Psychiatric/Mental Health Nursing

2. Laboratories

There should be at least six laboratories as listed below:-

1	Nursing Foundation & Medical Surgical Nursing Laboratory
2	Community Health Nursing Practice Laboratory
3	Nutrition Laboratory
4	Obstetrics & Paediatrics Laboratory
5	Pre-Clinical Sciences Laboratory (Biochemistry, Microbiology, Biophysics, Anatomy & Physiology)
6	Computer Laboratory with 10 computers

- a) **Nursing Foundation & Medical Surgical Nursing Laboratory:** There should be demonstration beds with dummies, mannequins in proportion to the number of students practicing a nursing procedure at a given point of time (the desired ratio being 1 bed : 6 practicing students).

It should be fully equipped with built-in-cupboards and racks, wash-basins with running water supply, electric fitting, adequate furniture like table, chairs, stools, patient lockers footsteps etc. Sufficient necessary inventory articles should be there i.e. at least 10-12 sets of all items needed for the practice of nursing procedure by the students. The laboratory equipments and articles mentioned in the "Laboratory Equipments and Articles" published by Indian Nursing Council should be available.

There should be simulators used to teach, practice & learn advance skills e.g., administration of tube-feeding, tracheostomy, gastrectomy, I/V injection, BLS, newborn resuscitation model, etc. The laboratory should have computers, internet connection, monitors for use in Critical Care Units.

- b) **Community Health Nursing Practice Laboratory:** It should have all required articles needed for practicing nursing procedures in a community set-up. The laboratory should give appearance of that of a rural setting, with community maps, records put on display & cupboards. The laboratory equipments and articles mentioned in the "Laboratory Equipments and Articles" published by Indian Nursing Council should be available.
- c) **Nutrition Laboratory:** It should have facilities for imparting basic knowledge of various methods of cooking for the healthy as well as for the sick. The furnishing and equipment should include work-tables, cooking cutlery, trays, and plates, dietetic scales, cooking utensils, microwave, racks / shelves, refrigerator, pressure cookers, mixie and cupboards for storage of food items. The food items shall be purchased for the conduct of practical classes as and when required. Sets of crockery and cutlery for preparation, napkins for serving and display of food also should be there. The laboratory equipments and articles mentioned in the "Laboratory Equipments and Articles" published by Indian Nursing Council should be available.
- d) **Obstetrics & Paediatrics Laboratory:** Laboratory should have equipments and articles as mentioned in "Laboratory Equipments and Articles" published by Indian Nursing Council.
- e) **Pre-Clinical Sciences Laboratory:** It is the laboratory of Biochemistry, Anatomy, and Microbiology. The laboratory equipments and articles mentioned in the "Laboratory Equipments & Articles" published by Indian Nursing Council should be available.
- f) **Computer Laboratory:** It shall have minimum computers in the ratio of 1:5 (students: computer) i.e., 12 computers for 60 students intake. The laboratory equipments and articles mentioned in the "Laboratory Equipments and Articles" published by Indian Nursing Council should be available.

3. Multipurpose Hall

The College of Nursing should have a multipurpose hall, which can be utilised for hosting functions of the college, educational conferences/workshops, CNES examinations etc. It should have proper stage with green room facilities. It should be well-ventilated and should have proper lighting facilities. Arrangements should be there in place for the use of all kinds of basic and advanced audio-visual aids.

4. Library

There should be a separate library for the College of Nursing. It should be easily accessible to the teaching faculty and the students, during college hours and extended hours also.

It should have comfortable seating arrangements for half of the total strength of the students and teachers in the college.

There should be separate budget for the library. The library committee should meet regularly for keeping the library updated with current books, journals and other literature. Internet facility should be provided in the library.

The library should have proper lighting facilities and it should be well-ventilated. It should have a cabin for librarian with intercom phone facility.

There should be sufficient number of cupboards, bookshelves and racks with glass doors for proper and safe storage of books, magazines, journals, newspapers and other literature. There should be provision for catalogue-cabinets, racks for student's bags etc., book display racks, bulletin boards and stationery items like index cards, borrower's cards, labels and registers. Current books, magazines, journals, newspapers and other literature should be available in the library.

A minimum of 500 of different subject titled nursing books (all new editions), in the multiple of editions, 3 kinds of nursing journals, 3 kinds of magazines, 2 kinds of newspapers and other kinds of current health related literature should be available in the library.

There should be a separate record room with steel racks, built-in shelves and racks, cupboards and filing cabinets for proper storage of records and other important papers/documents belonging to the college.

5. Audio-Visual Aids Room & Store Room

This room should be provided for the proper and safe storage of all the Audio-Visual Aids. The college should possess all kind of basic as well as advanced training aids like chalk boards, overhead projectors, slide and film-strip projector, models specimen, charts and posters, T.V. & V.C.R., Photostat machine, tape recorder and computers, LCD, laptop.

It should be provided to accommodate the equipments and other inventory articles which are required in the laboratories of the college. This room should have the facilities for proper and safe storage of these articles and equipments like cupboards, built-in-shelves, racks, cabinets, furniture items like tables and chairs. This room should be properly lighted and well-ventilated.

6. Other Facilities

Safe drinking water and adequate sanitary/toilet facilities should be available for both men and women separately in the college. Toilet facility to the students should be there along with hand washing facility.

7. Garage

Garage should accommodate a 50 seater vehicle.

8. Fire Extinguisher

Adequate provision for extinguishing fire should be available as per the local bye-laws.

9. Playground

Playground should be spacious for outdoor sports like volleyball, football, badminton and for athletics.

HOSTEL BLOCK:

Hostel provision is mandatory and shall also be owned by the institute within the period of two years. Details of constructed area is given below for admission capacity of 40-60 students:

S. No.	Hostel Block	Area (Figures in Sq. ft.)
1.	Single Room	12000 (50 sq. ft. for each student)
	Double Room	
2.	Sanitary	One latrine & one bath room (for 5 students) - 600 x 4 = 2400
3.	Visitors' Room	500
4.	Reading Room	250
5.	Store	500
6.	Recreation Room	500
7.	Dining Hall	3000
8.	Kitchen & Store	1500
9.	Warden's Room	450
	Total	21100 Sq. Ft.

*Note: 30% of Hostel facilities of the above total is mandatory.

Grand Total (total requirement for the nursing programme): - 23700 (Teaching Block) + 21100 (Hostel Block) = 44800 Sq. Ft.

HOSTEL FACILITIES:

There should be a separate hostel for the male and female students. It should have the following facilities.

1. Pantry

One pantry on each floor should be provided. It should have water cooler and heating arrangements.

2. Washing & Ironing Space

Facility for drying and ironing clothes should be provided on each floor.

3. Warden's Room

Warden should be provided with a separate office room besides her residential accommodation. Intercom facility with College & hospital shall be provided.

4. Telephone facility accessible to students in emergency situation shall be made available.

5. Canteen

There should be provision for a canteen for the students, their guests, and all other staff members.

6. Transport

College should have separate transport facility under the control of the Principal. 25 and 50 seater bus is preferable and number of vehicles shall be as per strength of the students.

Staff for the Hostel

1. Warden (Female)-3: Qualification- B.Sc. Home Science or Diploma in Housekeeping/Catering. Minimum three wardens must be there in every hostel for morning, evening and night shifts. If number of students are more than 150, one more warden/Asst. Warden/House keeper for every additional 50 students.
2. Cook-1: For every 20 students for each shift.
3. Kitchen & Dining Room helper-1: For every 20 students for each shift.
4. Sweeper-3
5. Gardener-2
6. Security Guard/Chowkidar-3

ANTI-RAGGING

1. Notice/Circular for Prohibition of Ragging shall be available on
 - Notice Boards
 - Admission Brochure/Prospectus
2. Display Posters/Charts on Prohibition of Ragging in common places.
3. Constitute :-
 - Anti-ragging committee with name designation & telephone no.
 - Anti-ragging squad
4. Leaflet given to freshers detailing out the telephone numbers to whom they can approach in case of ragging including Anti-ragging committee/squad addresses and telephone numbers.
5. Constituting a mentoring cell consisting of students volunteering to be mentors for freshers (one mentor for six freshers and one mentor of a higher level for six mentors of the lower level.)
6. Online Affidavit (i) by the student, (ii) by the parent shall be taken as per the UGC notification from time to time.
7. Display of notices at multiple places – noticeboards, common rooms, canteens, classrooms, library, hostels, toilets, corridors etc.
8. Anti-ragging help line for students.
9. Complaint box placed at places accessible to students.

BUDGET

In the overall budget of the institution, there should be provision for college budget under a separate head. Principal of the College of Nursing should be the drawing and disbursing authority.

NURSING TEACHING FACULTY

The Principal should be the administrative head of the College. He/She should hold qualification as laid down by INC. The Principal should be the controlling authority for the budget of the College and also be the drawing and disbursing officer. The Principal and Vice-Principal should be Gazetted officers in Government Colleges and of equal status (though non-Gazetted) in non-government Colleges.

Qualification of Teaching Staff for Collegiate programme with 40-60 student's intake:

S. No.	Teaching Faculty	Qualification & Experience
1	Professor cum PRINCIPAL	<ul style="list-style-type: none"> 15 years' experience with M.Sc. (N) out of which 12 years should be teaching experience with minimum of 5 years in collegiate programme. Ph.D.(N) is desirable
2	Professor cum VICE-PRINCIPAL	<ul style="list-style-type: none"> 12 years' experience with M.Sc. (N) out of which 10 years should be teaching experience with minimum of 5 years in collegiate programme. Ph.D.(N) is desirable
3	Professor	<ul style="list-style-type: none"> M.Sc. (N) with 10 years' experience including 5 years teaching experience. Ph.D.(N) is desirable
4	Associate Professor	<ul style="list-style-type: none"> M.Sc. (N) with 8 years' experience including 5 years teaching experience. Ph.D.(N) is desirable
5	Assistant Professor	<ul style="list-style-type: none"> M.Sc. (N) with 3 years' teaching experience. Ph.D. (N) is desirable.
6	Tutor	<ul style="list-style-type: none"> M.Sc. (N) or B.Sc. (N) / P.B.B.Sc. (N) with 1 year of professional experience.

Sl. No.	Teaching Faculty	B.Sc.(N) 40-60 Students intake	B.Sc.(N) 61-100 Students intake
1	PRINCIPAL	1	1
2	VICE-PRINCIPAL	1	1
3	Professor	0	1
4	Associate Professor	2	4
5	Assistant Professor	3	6
6	Tutor	10-18	19-28

Principal is excluded for 1:10 teacher student ratio norms (Teacher)

Salary shall be paid as for UGC pay scales

(For example for 40 students intake minimum number of teacher required is 17 including Principal. The strength of tutors will be 10, and 6 will be as per Sl. No.02 to 05)

Sl. No.	Teaching Faculty	B.Sc. (N) 40-60 students intake	P.B.B.Sc. (N) 20-60 students intake
1	Professor cum PRINCIPAL	1	-
2	Professor cum VICE-PRINCIPAL	1	-
3	Professor	0	-
4	Associate Professor	2	-
5	Assistant Professor	3	2
6	Tutor	10-18	2-10

Sl. No.	Teaching Faculty	B.Sc.(N) 40-60 students intake	P.B.B.Sc.(N) 20-60 students intake	M.Sc. (N) 10-25 students intake
1	Professor cum PRINCIPAL	1	-	
2	Professor cum VICE-PRINCIPAL	1	-	
3	Professor	0	-	1*
4	Associate Professor	2	-	1*
5	Assistant Professor	3	2	3*
6	Tutor	10-18	2-10	-

*1:10 teacher student ratio for M.Sc. (N) if B.Sc. (N) is also offered by the institution.

*Candidates having 3 years' experience after M.Sc. (N) only will be considered for M.Sc. (N) programme.

Sl. No.	Teaching Faculty	GNM 20-60	B.Sc. (N) 40-60	P.B.B.Sc. (N) 20-50	M.Sc. (N) 10-25
1	Professor cum PRINCIPAL	-	1	-	-
2	Professor cum VICE-PRINCIPAL	1	-	-	-
3	Professor	-	0	-	1*
4	Associate Professor	-	2	-	1*
5	Assistant Professor	-	3	2	3*
6	Tutor	6-18	10-18	2-10	-

*1:10 teacher student ratio for M.Sc. (N) if B.Sc. (N) is also offered by the institution.

*Candidates having 3 years' experience after M.Sc. (N) only will be considered for M.Sc. (N) programme.

Sl. No.	Teaching Faculty	ANM 20-60	GNM 20-60	B.Sc. (N) 40-60	P.B.B.Sc. (N) 20-60	M.Sc. (N) 10-25
1	Professor cum PRINCIPAL	-	-	1	-	-
2	Professor cum VICE-PRINCIPAL	-	1	-	-	-
3	Professor	-	-	0	-	1*
4	Associate Professor	-	-	2	-	1*
5	Assistant Professor	-	-	3	2	3*
6	Tutor	4-12	6-18	10-18	2-10	-

*1:10 teacher student ratio for M.Sc. (N) if B.Sc. (N) is also offered by the institution.

*Candidates having 3 years' experience after M.Sc. (N) only will be considered for M.Sc. (N) programme.

Part time Teachers / External Teachers**

Sl. No.	Subjects
(i)	Microbiology
(ii)	Bio-Chemistry
(iii)	Sociology
(iv)	Bio-Physics
(v)	Psychology
(vi)	Nutrition
(vii)	English
(viii)	Computer
(ix)	Hindi/Any Other Language
(x)	Any Other – Clinical Disciplines
(xi)	Physical Education

**The above teachers should have post graduate qualification with teaching experience in respective area.

Note:

- Teacher student ratio should be 1:10 on sanctioned strength of students.
- One of the Tutors need to stay at the community health field by rotation.
- The salary structure of the teaching faculty in private Colleges of Nursing should not be less than what is admissible in the Colleges of Nursing under State/Central Government.
- Nursing service personnel should actively participate in instruction, supervision, guidance and evaluation of students in the clinical and field/community practice areas. The teaching faculty of the College of Nursing should work in close coordination with nursing service personnel.
- The teaching faculty of the College and the nursing service personnel should be deputed to attend short term educational courses/workshops/conferences etc. to update their knowledge.
- It is mandatory for College authorities to treat teaching faculty of the College of Nursing on duty when nominated/selected for the purpose of examination or inspection or inspection by the Council.
- All nursing faculty including Principal shall spend at least four hours each day in the clinical area for clinical teaching and / or supervision of care by the students.
- 50% of the non-nursing subjects should be taught by the nursing teachers. However, it will be supplemented by the external faculty who are doctors or candidates having PG Qualification in the requisite subject. **Nursing teachers who are involved in non-nursing subjects shall be examiners for the programme.**

Additional Staff for College of Nursing

(To be reviewed and revised and rationalized keeping in mind the mechanization and contract service)

- Ministerial
 - a) Administrative Officer 1
 - b) Office Superintendent 1
 - c) PA to Principal 1
 - d) Accountant/Cashier 1
- Upper Division Clerk 2
- Lower Division Clerk 2
- Store Keeper 1
- Classroom Attendants 2
- Sanitary Staff As per the physical space
- Security Staff As per the requirement
- Peons/Office Attendants 4
- Library
 - a) Librarian 2
 - b) Library Attendants As per the requirement

- Hostel
 - a) Wardens 2
 - b) Cooks, Bearers As per the requirement
- Gardeners and Dhobi (Desirable) Depends on structural facilities

NB: Provision should be made to have leave reserve staff in addition to the regular staff according to rules.

College Management Committee

Following members should constitute the Board of Management of the College.

Principal	Chairperson
Vice-Principal	Member
Professor/Reader/Senior Lecturer	Member
Chief Nursing Officer/Nursing Superintendent	Member
Representative of Medical Superintendent	Member

CLINICAL FACILITIES

I. Own Hospital: College of Nursing should have a 100 bedded Parent (Own Hospital).

II. Additional Affiliation of Hospitals:

If all the required learning experience are not available in the parent hospital, the students should be sent to affiliated hospital/agencies/institutions where it is available.

i. Criteria for Affiliation

The types of experience for which a College of Nursing can affiliate a hospital are:

- Community Health Nursing
- Communicable Diseases
- Mental Health (Psychiatric) Nursing
- Specialities like Cardiology, Neurology, Oncology, Nephrology etc.

ii. The size of the Hospital/Nursing Home for affiliation:

- Should not be less than **50** beds apart from having own hospital.

The physical facilities, staffing and equipment of the affiliated hospitals should be of the same standard as required in the parent hospital.

The Nursing Staff of the affiliated hospitals should be prepared to recognize the institutional students with student status as per their educational programme.

III. Distribution of beds in different areas for 60 students

Medical	45
Surgical	45
Obstetrics & Gynaecology	45
Paediatrics	30
Orthopaediatrics	15
Psychiatric	50

IV. Bed Occupancy of the Hospital should be minimum **75%**.

V. Other Specialties/Facilities for clinical experience required are as follows:

- Major OT
- Minor OT
- Dental
- Eye/ENT
- Burns and Plastic

Neonatology with Nursery
 Communicable Disease
 Community Health Nursing
 Cardiology
 Oncology
 Neurology/Neuro-surgery
 Nephrology etc.
 ICU/ICCU

- VI. There should be a variety of patients of all age groups in all the clinical areas where the students are posted for obtaining the requisite learning experiences.
- VII. The Nursing Staffing norms in the affiliated Hospitals should be as per INC norms.
- VIII. The affiliated Hospital should give student status to the candidates of the nursing programme.
- IX. Maximum distance of the affiliated hospitals should be within 30 kms.
- X. 1:3 student patient ratio to be maintained.
- XI. For Tribal and hilly area, the maximum permissible distance is 50 kms.

If the institution is having both General Nursing and Midwifery and B.Sc. (N) programme, it would require to ensure 1:3 student patient ratio based on intake for each programme.

Distribution of Beds

At least one third of the total number of beds should be for medical patients and one third for surgical patients. The number of beds for male patients should not be less than 1/6th of the total number of beds i.e. at least 40 beds. There should be minimum of 100 deliveries per month. Provision should be made for clinics in health and family welfare and for preventive medicine.

Staffing

- 1. Chief Nursing Officer (C.N.O) - for 500 Beds and above. (Qualification as for Principal, SON)
- 2. Nursing Superintendent (N.S)-1 (Qualification as for Principal, SON).
- 3. Deputy Nursing Superintendent (D.N.S)-1 (qualification as for vice-principle, SON).
- 4. Assistant Nursing Superintendent (A.N.S)-2 and for every additional 50 beds one more (qualification as for vice-Principle, SON).

NORMS RECOMMENDED BY EXPERTS COMMITTEE ON HEALTH MANPOWER PRODUCTION AND MANAGEMNET (RESOLUTION OF FOURTH CONFERENCE OF CENTRAL COUNCIL OF HEALTH AND FAMILY WELFARE, ON NURSING, 1995).

Categories	Requirements
1. Nursing Superintendent	1:200 beds
2. Dy. Nursing Superintendent	1:300 beds

3.	Departmental Nursing Supervisors/Nursing Sisters	7:1000 (Plus one additional 100 beds)
4.	Ward Nursing Supervisors/Sisters	8:200+30% Leave Reserve
5.	Staff Nurse for Wards	1:3 (of 1:9 each Shift)+30% Leave Reserve
6.	For OPD, Blood Bank, X-Ray Diabetic Clinic CSR etc.	1:100 OPD Patients (1 bed:5 OPD Patients)+30% Leave Reserve.
7.	For Intensive Care Unit (8 beds ICU for 200 beds)	1:1 (of 1:3 for each shift) +30% Leave Reserve
8.	For Specialized Departments and clinics such as OT, Labour room, etc.	8:200 + 30% Leave Reserve

Justification

1. Needs may vary from one hospital to another. Depending on its size and services rendered, more staff than anticipated will be required.
2. Special attention is needed for supervision of patient care in the evening and night shifts.
3. 30% leave reserve posts are mandatory.

Other points to be considered

- a. The staff of the parent hospital should be strictly as per the criteria laid down by INC in terms of doctors, nurses and paramedical staff.
- b. Wards/Area/OPDs/OTs/Clinical departments etc. must have adequate coverage of the staff in all the shifts to ensure that students are only for attending clinical experience in these areas and not utilized for service purposes.
- c. Continuing/in-service education programme must be attended by all staff nurses to keep themselves abreast with latest technologies and sophistication used in day to day patient care in these areas.

Community Health Nursing Field Practice Area

The students should be sent for community health nursing experience in urban as well as rural field area. Institute can be attached to primary health centre. A well setup field teaching centre should be provided with facilities for accommodation of at least 10-15 students and one staff member at a time. Peon, cook and chowkidar should be available at health centre. Each College of Nursing should have its own transport facility and it must be under direct control of the Principal. The security of staff and students should be ensured.

ADMISSION TERMS AND CONDITIONS

1. The minimum age for admission shall be 17 years on 31st December of the year in which admission is sought.
2. **Minimum Education:**
 - a. A candidate should have passed in the subjects of PCB and English individually and must have obtained a minimum of 45% marks taken together in PCB at the qualifying examination (10+2).
 - b. Candidates are also eligible from State Open School recognized by State Government and National Institute of Open School (NIOS) recognized by Central Government having science subjects and English only.
 - c. A candidate belonging to SC/ST or other backward classes, the marks obtained in PCB taken together in qualifying examination be 40% instead of 45% as stated above.
 - d. English is a compulsory subject in 10+2 for being eligible for admission to B.Sc. (N).
3. Candidate shall be medically fit. *However, color blind candidates should be considered for admission to nursing course. Subject to the condition that color corrective contact lens of spectacles are worn by such candidates.*
4. Candidate shall be admitted once in a year.
5. **Reservation Policy:**
 - a. For disabled candidates: ~~5%~~ ^{5%} Disability reservation to be considered with a disability of locomotor to the tune of ~~40%~~ ^{40%} to 50% of the lower extremity and other eligibility criteria with regard to age and qualification will be same as prescribed for each nursing programme.
Note: A committee to be formed consisting of medical officer authorized by medical board of state government and a nursing expert in the panel which may decide whether the candidates have the disability of locomotor to the tune of ~~40%~~ ^{40%} to 50%.
 - b. 5% of total marks is relaxed for SC/ST candidates.
 - c. Reservation SC/ST, OBC or any other shall be as per the State Govt. rules.**Note:** Reservation shall be applicable within the sanctioned number of the seats by INC and not above it.
6. **Entrance/Selection Test:**

Selection of the candidates should be based on the merit of the entrance examination held by University or competent authority.
7. **Duration:**

Duration of the course shall be four years including internship.
8. **Vacation:**

8 Weeks' vacation shall be given in each year.

9. **Admission / Selection Committee**

This committee should comprise of:

- Principal Chairperson
- Vice-Principal
- Professor
- Chief Nursing Officer or Nursing Superintendent

10. **Admission Strength**

Admission / Intake of candidates shall be as per sanctioned strength permitted by INC.

11. **Health Services**

There should be provisions for the following health services for the students.

- (a) An annual medical examination.
- (b) Vaccination against Tetanus, Hepatitis B or any other communicable disease as considered necessary.
- (c) Free medical care during illness.
- (d) A complete health record should be kept in respect of each individual student. The criteria for continuing the training of a student with long term chronic illness, will be decided by the individual College.

12. **Records**

Following are the minimum records which needs to be/should be maintained in the College:

- a) For Students
 - 1. Admission record
 - 2. Health record
 - 3. Class attendance record
 - 4. Clinical and Field Experience record
 - 5. Internal assessment record for both theory and practical
 - 6. Mark Lists (State Council/Board Results)
 - 7. Record of extracurricular activities of student (both in the College as well as outside)
 - 8. Leave record
 - 9. Practical record books - Procedure book and Midwifery record book to be maintained as prescribed by INC.
- b) For each academic year, for each class/batch
 - 1. Course contents record (for each subjects)
 - 2. The record of the academic performance
 - 3. Rotation plans for each academic year
 - 4. Record of committee meetings

5. Record of the stock of the College
6. Affiliation record
7. Grant-in-aid record (if the College is receiving grant-in-aid from any source like State Govt. etc.)
8. Cumulative record.

Record of educational programmes organized for teaching faculty and student, both in the College as well as outside.

Annual reports (Record) of the achievement of the College prepared annually.

College of nursing should possess detailed and up-to-date record of each activity carried out in the College.

13. Transcript

All institutions to issue the transcript upon completion of the course and to **submit only one single copy of transcript** per batch to respective State Nursing and Midwifery Registration Council.

CURRICULUM

Duration

Course Duration	= 4 Years
Weeks available per academic year	= 52 weeks
Vacation	= 8 weeks
Gazetted Holidays	= 3 weeks
Examination (including preparatory)	= 4 weeks
Available weeks	= 37 weeks
Hours per week	= 40 hours
Practical	= 30 hours per week
Theory	= 10 hours per week
Hours available per academic year (1st to 3rd Year)	= 1480 (37 wks x 40 hrs) x 3 = 4440 hrs
Hours available for 4th Year	= 540 hrs (14 weeks x 40 hours per week)
Hours available for Internship during 4th year	= 1152 hours (24 weeks x 48 hours per week)
Total hours available for 4th year	= 1692 hours
Total hours available for 4 years	= 6132 hours

Course of Instruction

FIRST YEAR

Subject	Theory (In hrs) (class and lab)	Practical (In hrs) (clinical)	(In hrs)
1. *English	60		
2. Anatomy	60		
3. Physiology	60		
4. Nutrition	60		
5. Biochemistry	30		
6. Nursing Foundations	265+200	450	
7. Psychology	60		
8. Microbiology	60		
9. Introduction to Computers	45		
10. ** Hindi /Regional Language	30		
11. Library Work/Self Study			50
12. Co-curricular Activities			50
Total Hours	930	450	100
Total hours = 1480 hrs			

** Optional

SECOND YEAR

Subject	Theory (In hrs) (class and lab)	Practical (In hrs) (clinical)	(In hrs)
1. Sociology	60		
2. Pharmacology	45		
3. Pathology	30		
4. Genetics	15		
5. Medical-Surgical Nursing (Adult including Geriatrics)-I	210	720	
6. Community Health Nursing-I	90	135	
7. Communication and Educational Technology	60+30		
8. Library Work/Self Study			50
9. Co-curricular Activities			35
Total Hours	540	855	85
Total hours = 1480 hrs			

THIRD YEAR

Subject	Theory (In hrs) (class and lab)	Practical (In hrs) (clinical)	(In hrs)
1. Medical-Surgical Nursing (Adult including Geriatrics)-II	120	270	
2. Child Health Nursing	90	270	
3. Mental Health Nursing	90	270	
4. Midwifery & Obstetrical Nursing	45	180	
5. Nursing Research	45		
6. Library Work/Self Study			50
7. Co-curricular Activities			50
Total Hours	390	990	100
Total hours = 1480 hrs			

FOURTH YEAR

Subject	Theory (In hrs) (class and lab)	Practical (In hrs) (clinical)	(In hrs)
1. Midwifery & Obstetrical Nursing	45	180*	
2. Community Health Nursing-II	90	135	
3. Management of Nursing Services & Education	60+30		
Total Hours	225	315	
Total hours = 540 hrs			

*Project work to be carried out during internship.

Internship (Integrated Practice)

Practical= 30 hours per week

Subject	Theory	Practical (in hrs)	In weeks
1. Midwifery & Obstetrical Nursing		240	5
2. Community Health Nursing-II		192	4
3. -Medical Surgical Nursing (Adult including Geriatrics)		432	9
4. Child Health Nursing		144	3
5. Mental Health Nursing		96	2
6. Research Project		48	1
Total Hours		1152	24
Total: hours during 4th year = 1692 hours			

Note:

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Internship should be carried out as 8 hours per day @ 48 hours per week.
3. Students during internship will be supervised by nursing teachers.
4. Fourth Year final examination to be held only after completing internship.

Scheme of Examination

FIRST YEAR

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
1. Anatomy & Physiology	3	25	75	100
2. Nutrition and Biochemistry	3	25	75	100
3. Nursing Foundations	3	25	75	100
4. Psychology	3	25	75	100
5. Microbiology	3	25	75	100
6. English	3	25	75	100
7. Introduction to Computer		25	75	100
Practical and Viva Voce				
1. Nursing Foundations		100	100	200

SECOND YEAR

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
8. Sociology	3	25	75	100
9. Medical-Surgical Nursing-I	3	25	75	100
10. Pharmacology, Pathology, Genetics	3	25	75	100
11. Community Health Nursing-I	3	25	75	100
12. Communication and Educational Technology	3	25	75	100
Practical & Viva Voce				
2. Medical-Surgical Nursing- I		100	100	200

THIRD YEAR

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
13. Medical-Surgical Nursing-II	3	25	75	100
14. Child Health Nursing	3	25	75	100
15. Mental Health Nursing	3	25	75	100
16. Nursing Research & Statistics	3	25	75	100
Practical & Viva Voce				
3. Medical-Surgical Nursing-II		50	50	100
4. Child Health Nursing		50	50	100
5. Mental Health Nursing		50	50	100

FOURTH YEAR

Subject	Assessment			
	Hours	Internal	External	Total
Theory				
17. Midwifery and Obstetrical Nursing	3	25	75	100
18. Community Health Nursing-II	3	25	75	100
19. Management of Nursing Services and Education	3	25	75	100
Practical & Viva Voce				
6. Midwifery and Obstetrical Nursing		50	50	100
7. Community Health Nursing		50	50	100

Note:

1. Anatomy and Physiology: Question paper will consist of Section A- Anatomy of 37 marks and Section B-Physiology of 38 marks.
2. Nutrition and Biochemistry: Question paper will consist of Section A- Nutrition of 45 marks and Section B- of Biochemistry of 30 marks.
3. Pharmacology, Genetics, Pathology: Section A- Pharmacology of 38 marks. Section B- Pathology of 25 marks and Genetics of 12 marks.
4. Nursing Research & Statistics: Nursing Research should be of 50 marks and Statistics of 25 marks.
5. Minimum pass marks shall be 40% for English only. *and to be conducted as college Exam. & marks to be sent to the university for inclusion in the mark sheet.*
6. Theory and Practical exams for Introduction to Computer to be conducted as College exam and marks to be sent to the University for inclusion in the marks sheet.
7. Minimum pass marks shall be 50% in each of the Theory and Practical papers separately.
8. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each subject for appearing in the examination.
9. A candidate must have 100% attendance in each of the practical areas before award of degree.
10. A candidate has to pass in theory and practical exam separately in each of the paper.
11. If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and practical).
12. The candidate if fails can be permitted for admission to next year.
13. The candidate shall have to clear all the previous examinations before appearing for final year examination.
14. Candidate must pass in internal and external examinations in each of the papers separately.
15. No institution shall submit average internal marks of the test students more than 75% i.e., if 40 students are admitted in a course, the average score of the 40 students shall not exceed 75% of total internal marks. (Example of 5 students: A=25, B=20, C=22, D=21, E=24 Average score = 89.6%. This will not be accepted by the State Nursing Registration Council)
16. The maximum period to complete the course successfully should not exceed 8 years.
17. Maximum number of candidates for practical examination should not exceed 20 per day.
18. All practical examinations must be held in the respective clinical areas.
19. One internal and One external examiners should jointly conduct practical examination for each student.
20. An examiner should be a lecturer or above in a college of nursing with M.Sc. (N) in concerned subject and minimum of 3 years of teaching experience in the collegiate program. To be an examiner for nursing foundations course faculty having M.Sc. (N) with any specialty shall be considered.
21. On completion of internship, internal assessment ^{out} of 100 marks should be sent to the University for inclusion in the mark sheet.
22. Final year ^{Exam result} marks shall be withheld till the candidate completes required attendance for practical and internship.