

# **MINIMUM STANDARD REQUIREMENTS**

**for courses affiliated to**

**Kerala University of Health Sciences**

**Thrissur 680596**



**Bachelor of Science in Nursing**

**(B Sc Nursing)**

**Course code:006**

## MSR OF NURSING

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### MINIMUM STANDARD REQUIREMENT FOR B Sc NURSING COURSE

(Subject to modifications made by KUHS based on Nursing Apex Council from time to time)

#### 1. GENERAL DESCRIPTION OF THE COURSE

No.	Item	Description
1.1	<b>Title of the Course</b>	Bachelor of Science in Nursing Abbreviated as “B Sc Nursing”
1.2	<b>Aim of the course</b>	<p>The aim of the B Sc Nursing Course is to</p> <ol style="list-style-type: none"><li>i. Prepare graduates to assume responsibilities as professionally competent nurses and Midwives in rendering primary, secondary and tertiary levels of care to clients at various levels of Health Care of settings.</li><li>ii. Graduates are also expected to assume the role of a Teacher and Nurse Manager in a Hospital/ Public Health Care setting and Nursing Educational Institutions.</li><li>iii. Prepare graduates who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups, in pursuit of health function in hospital, community nursing services, and conduct research studies in the areas of nursing practice to foster Evidenced Based Nursing Practice.</li></ol>
1.3	<b>Objectives of the Course</b>	<p>On completion of the four year B Sc Nursing Course, the graduates:</p> <ol style="list-style-type: none"><li>i. Apply the knowledge acquired from Physical, Biological and Behavioural sciences, Modern medicine including Alternative Systems and Nursing in providing quality nursing care to individuals, families and communities.</li><li>ii. Analyse the life style and other factors, which affect health of individuals and groups.</li><li>iii. Render Quality nursing care based on nursing process approach in collaboration with individuals and groups and other Health Care team members.</li><li>iv. Demonstrate critical thinking skill in decision making in all situations in order to provide quality nursing care.</li><li>v. Utilize the latest trends and technology in field of Modern Medicine including Alternative Systems and Nursing in providing quality health care.</li><li>vi. Render primary, secondary and tertiary levels of care to clients at various levels of health care of settings in line with the National Health Policies and programmes.</li><li>vii. Practice within the framework of Code of Ethics, Professional conduct, and acceptable standards of practice within the legal boundaries of the profession.</li><li>viii. Communicate effectively with individuals, groups, and members of the Health Care team in order to promote effective interpersonal relationships and collaborative team work.</li><li>ix. Demonstrate skills in teaching to individuals and groups in clinical/ Community</li></ol>

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	<p>Health settings/ Institutions of Nursing education.</p> <p>x. Participate effectively as members of health team in the Health Care delivery system.</p> <p>xi. Demonstrate leadership and managerial skills in Hospital /Community health care settings.</p> <p>xii. Conduct need based research studies in various settings and utilize the research findings to implement evidence based nursing.</p>
1.4	<p><b>Admission Capacity</b></p> <p>As approved by KUHS and Apex Council -Annual intake of min. 40 / 60 /max. 75</p>
1.5	<p><b>Duration of the course : 4 years including internship</b></p> <p>The maximum period as per KUHS General Academic Regulation: double the duration of the course(8 yrs)</p> <p>As per Apex council :Duration of course shall not exceed 8 years</p>
1.6	<p><b>Academic Eligibility</b></p> <p>As per Academic Regulations of course in force from time to time.</p> <p>i. Candidates who have passed Higher Secondary Examination of the Board of Higher Secondary Education, Kerala, or examinations recognized equivalent thereto by KUHS with 50% in aggregate for Physics, Chemistry and Biology/ Physics, Chemistry, Biology and minimum pass mark as per respective boards for Physics, Chemistry, Biology and English in the qualifying examination.</p> <p>ii. Candidate who completes 17 years of age as on 31<sup>st</sup> December of the year of admission</p> <p>iii. Candidate shall be medically fit to undergo the course.</p> <p>iv. As per the Regulations published by Kerala University of Health Sciences (KUHS) from time to time.</p> <p><b>Relaxation of marks for SC/ST and SEBC candidates as per Govt. Norms.</b></p>
1.7	<p><b>Mode of Selection</b></p> <p>The Selection of students for the B Sc Nursing course shall be made on merit basis as decided by the competent authority approved by the Government of India/Government of Kerala/Kerala University of Health Sciences and as per guidelines of Apex Councils from time to time.</p>
1.8	<p><b>Allotting Authority</b></p> <p>Agency approved by Govt. of India/Govt. of Kerala / KUHS from time to time</p>
1.9	<p><b>Seat Reservation</b></p> <p>As stipulated by Govt. of India/Govt of Kerala from time to time.</p>
1.10	<p><b>Subjects of Study(As per KUHS approved Syllabus from time to time prepared based on Apex Council norms)</b></p>
1.10.1	<p><b>1<sup>st</sup> Year B Sc Nursing</b></p> <p><b>Part I. Biological Sciences</b></p>

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	<p>Paper I- Anatomy,            Paper II- Physiology,            Paper III -Microbiology,            Paper IV- Nutrition and Biochemistry                A) Nutrition (Theory &amp; Practical)                B) Biochemistry</p> <p><b>Part II. Behavioural Sciences</b></p> <p>Paper I- Psychology,</p> <p><b>Part III. Nursing-I</b></p> <p>Paper I - Nursing Foundations(Theory &amp; Practical)</p> <p><b>Part IV</b></p> <p>Paper I - English            Paper II- Introduction to Computers(Theory &amp; Practical)                Library work / Self study                Co- curricular Activities</p>
1.10.2	<p><b><i>2<sup>nd</sup>Year B Sc Nursing</i></b></p> <p><b>Part I – Social Sciences</b>            Paper I - Sociology</p> <p><b>Part II- Nursing II</b>            Paper I- Medical Surgical Nursing (Adult including Geriatrics)-I(Theory &amp; Practical)            a) Medical Nursing b) Pathology,            Paper II- Medical Surgical Nursing (Adult including Geriatrics) -I (Theory &amp; Practical)                Surgical Nursing            Paper III- Pharmacology            Paper IV -Community Health Nursing I                Library work/ Self study                Co-curricular Activities</p>
1.10.3	<p><b><i>3<sup>rd</sup>Year B Sc Nursing</i></b></p> <p><b>Part I - Nursing III</b>            Paper I- Medical Surgical Nursing (Adult including Geriatrics) -II (Theory &amp; Practical)            Paper II- Child Health Nursing (Theory &amp; Practical)</p>

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	<p>Paper III- Mental Health Nursing (Theory &amp; Practical)</p> <p><b>Part II- Research&amp; Statistics</b></p> <p>Paper I - Nursing Research &amp; Statistics (Theory &amp; Practical)</p> <p style="padding-left: 40px;">Library work/ Self study</p> <p style="padding-left: 40px;">Co-curricular Activities</p>
1.10.4	<p><b>4<sup>th</sup>Year B Sc Nursing</b></p> <p><b>Part I - Nursing IV</b></p> <p>Paper I- Obstetric &amp; Gynaecological Nursing, (Theory &amp; Practical)</p> <p>Paper II-Community Health Nursing II, (Theory &amp; Practical)</p> <p><b>Part II - Education and Management</b></p> <p>Paper I-Nursing Education</p> <p>Paper II - Management of Nursing Services &amp; Education</p> <p style="padding-left: 40px;">Library work/ Self study</p> <p style="padding-left: 40px;">Co-curricular Activities</p>
1.10.5	<b>Not applicable</b>
1.10.6	<p><b>Internship : No internship</b></p> <p>Compulsory nursing service is provided for one year only for students admitted in Govt. colleges of Nursing as per the direction of Govt. of Kerala from time to time.</p>
1.10.7	<p><b>Medium of Instruction and Examination</b></p> <p>English</p>
1.11	<p><b>Controlling Authorities</b></p> <p>Govt. of India/Govt. of Kerala /Central/State Councils/KUHS</p>
1.12	<p><b>Council Registration</b></p> <p>With State Council after successful completion of the course</p>
1.13	<p><b>Availability of the Course under KUHS</b></p> <p>Visit -<a href="http://www.kuhs.ac.in">www.kuhs.ac.in</a></p>
1.14	<p><b>Scope for Higher Studies</b></p> <p>Post-graduation in the following specialities viz.</p> <ol style="list-style-type: none"> <li>1. M Sc Medical Surgical Nursing</li> <li>2. M Sc Mental Health (Psychiatric) Nursing</li> <li>3. M Sc Child Health (Paediatric) Nursing</li> </ol>

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	<p>4. M Sc Community Health Nursing</p> <p>5. M Sc Obstetric and Gynaecological Nursing.</p> <p>And other courses like MPH/MHA/ M Sc Medical Physiology/ all other courses where B Sc Nursing is approved as basic qualification.</p>
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### 2. MINIMUM REQUIREMENTS TO APPLY FOR ESTABLISHING AN INSTITUTION TO START B Sc NURSING COURSE

No	Item and Requirement
2.1	<b>Eligibility to Apply for the course</b>
2.1.1	<p><b><i>The applicant seeking affiliation shall meet the following eligibility criteria</i></b></p> <ul style="list-style-type: none"> <li>i. The institution shall be one fully equipped (with essential provisions for supporting course) to impart education in Nursing as per Statutory Council norms</li> <li>ii. Institution having an existing affiliation for any course from another University shall not be eligible to apply for affiliation to the KUHS.</li> <li>iii. Need to satisfy the requirements of the apex council(s) before or after applying to KUHS as the case may be.</li> </ul>
2.1.2	<p><b><i>The applicant for affiliation shall be an institution owned and managed by:</i></b> (As per 2.1.2 of General MSR of KUHS)</p> <ul style="list-style-type: none"> <li>i. Government of India or the State Government,</li> <li>ii. An autonomous body promoted by Central and/or State Government, by or under an enactment for the purpose of Health Science Education,</li> <li>iii. A society registered under the Societies Registration Act, 1860 or corresponding Act in the State</li> <li>iv. A public, religious or charitable Trust registered under the Trusts Act or the Wakfs Act, 1954.</li> </ul> <p>The institution shall submit the updated certified copies of such permission(s) or clearance(s) as specified in the General MSR. Organizations Registered under Societies Registration Act including Missionary, Organizations, and Companies incorporated under section 8 of Company's Act.</p>
2.1.3	<p><b><i>Qualifying criteria</i></b></p> <p>As per 2.1.3 of General MSR of KUHS</p>
2.1.4	<p><b><i>General conditions to be satisfied by colleges</i></b></p> <p>As per 2.1.4 of General MSR of KUHS</p>

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2.2	<p><b>Land Requirement</b></p> <p>Area of land required for establishing a Nursing college is minimum 3 acres (for further details refer 3.1).</p>
2.2.1	<p><b>Ownership</b></p> <p>In the case of non- Government institutions, suitable land is owned and possessed by the applicant-institution in its own name.</p> <p>It is compulsory that Nursing programmes should be started in their own building. Institutions, which are functioning in rented building, should ensure within the period of two years that they should construct their own building in their own land. Otherwise penal actions including withdrawal of affiliation may be taken by KUHS. Any change in the ownership/change of address of institution/Parent Hospital shall be made with the prior approval of KUHS. A Trust / Society can open only one nursing institution in one city/town. No two institutions will have same name in same city/town.</p>
2.3	<p><b>Hospital Requirement- To start a new Nursing College</b></p> <p>An established functional Hospital with minimum one year of existence having 300 bed strength and all facilities, unless and otherwise higher specifications are fixed by apex councils.</p>
2.3.1	<p><b>Ownership</b></p> <ul style="list-style-type: none"> <li>i. Any organization that is intending to establish Nursing College should have own parent hospital. "To be considered as parent hospital" both institution &amp; hospital shall be under the same Trust/Management /Organisation</li> <li>ii. Parent hospital should not be changed without the prior consent of the university</li> </ul>
2.3.2	<p><b>I. Hospital Facility-</b> The hospital shall be suitably spacious to accommodate all facilities required for the course. Parent Hospital should have clinical learning facilities in the Medical and Surgical Departments for first year and second year B Sc Nursing students. The clinical experience for which a Nursing college can affiliate are ,</p> <ol style="list-style-type: none"> <li>1. Community Health Nursing</li> <li>2. Communicable diseases</li> <li>3. Mental Health(Psychiatric)Nursing</li> <li>4. Specialities like Cardiology, Cardio Thoracic Surgery, Neurology, Neonatology, Oncology, Nephrology and Gastroenterology</li> </ol> <p>In addition to the Basic speciality beds, other specialities/facilities for clinical experience required -minimum 70 beds are preferable as follows</p> <p>Eye/ENT, Burns &amp;Plastic, Neonatology with nursery, Communicable diseases, Cardiology, Oncology, Nephrology, Neurology / Neuro -Surgery ICU/ICCU.</p> <ul style="list-style-type: none"> <li>i. Parent Hospital distribution of beds in different specialities.</li> </ul>



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	<ul style="list-style-type: none"> <li>a) Medical            45</li> <li>b) Surgical            45</li> <li>c) OBG                45</li> <li>d) Paediatric        30</li> <li>e) Ortho                15</li> <li>f) Psychiatric        50</li> </ul> <ul style="list-style-type: none"> <li>ii. 300 bedded Parent (Own) hospital is required for starting a B Sc Nursing programme.</li> <li>iii. Bed occupancy of parent hospital should ensure 1:3 student patient ratio. It should have 20% beds in general ward. General ward should be freely available for clinical posting of students of nursing college attached to the hospital.</li> <li>iv. The parent hospital should have clinical facilities to satisfy the requirements of KUHS</li> </ul> <p><b>II. Affiliation</b> -A college can be affiliated to maximum three Hospitals and a Hospital can give affiliation to a maximum of three colleges for speciality postings, establishing 1:3 student patient ratio norms.</p> <ul style="list-style-type: none"> <li>i. The physical facilities staffing and equipment of affiliated hospitals should be of the same standard as required in the parent hospital</li> <li>ii. A legally valid MOU to be signed by the institution and Hospital management to establish affiliation in the format prescribed by KUHS and the same should be renewed annually.</li> <li>iii. Institution from which Affiliation is sought for Psychiatric nursing can be in the radius of 50 kms from the institution. Affiliation can be sought on rotational basis to establish student patient ratio of 1:3.</li> <li>iv. Affiliated psychiatric hospital should have minimum 50 beds.</li> <li>v. The maximum distance of the affiliated hospitals should be within 30 Kms.</li> <li>vi. The Nursing Staffing norms in the affiliated Hospital should be as per apex Council norms.</li> </ul>
2.3.3	<p><b><i>In Patient /out patient’s status of the parent hospital</i></b></p> <ul style="list-style-type: none"> <li>i. The Hospital shall maintain a computerized central registration system for maintaining Department wise in patients and Out-Patient records.</li> <li>ii. The institution should maintain 1:3 student patient ratio, proportionate to the sanctioned seats throughout the course period.</li> </ul>
2.3.4	<p><b><i>Departments needed in parent hospital-minimum</i></b></p> <p>Medical, Surgical, Operation theatres- major and minor, Orthopaedics, Paediatrics, Obstetrics and Gynaecology.</p>

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2.3.5	<b><i>Exclusive requirement for the course</i></b>  i. College should be within the Parent Hospital Campus or within 15 Kms from the institution by motor able road in jurisdiction of KUHS.  ii. Parent Hospital should have clinical learning facilities in the Medical and Surgical Wards for first year and second year B Sc Nursing students.
2.3.6	<b><i>Exclusive Equipment</i></b>  As per the norms of competent authority in force from time to time.
2.3.7	<b><i>Hospital Staff needed</i></b>  The hospital shall possess required number of hospital staff. The institution should have qualified and experienced nursing staff as per the norms of competent authority from time to time.
2.3.8	<b><i>Distance from Teaching institution</i></b>  College should be in the Parent Hospital Campus or within 15 Kms from the institution by motorable road in the jurisdiction of KUHS.
2.4	<b>Infra-Structure Requirement</b>
2.4.1	<b><i>College Building</i></b>  College of Nursing should have own permanent building of 24000 Sq.ft. Nursing programmes should be started in their own building. Institutions, which are functioning in rented building, should ensure that within the period of two years they should construct their own building. Otherwise penal actions including withdrawal of affiliation may be taken by KUHS.  Change of the location (district, town, city, village) shall be considered as a new proposal and shall be shifted only after getting permission from KUHS.
2.4.2	<b><i>Hostels</i></b>  Shall fulfil criteria specified for approval of Hostels by KUHS.
2.5	<b>Clinical Requirement</b>
2.5.1	<b><i>Out Patients</i></b>  As per norms of Apex councils. Out Patients Register should be maintained.
2.5.2	<b><i>In patients</i></b>  The institution should maintain 1:3 student patient ratio, proportionate to the sanctioned intake of students throughout the course period.

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2.5.3	<b>Specialty cases, delivery cases</b>		
	Affiliation may be obtained for speciality and OBG if the Clinical learning facilities in Parent Hospital is inadequate		
2.6	<b>Man power requirement of college-B Sc Nursing</b>		
	Designation	Minimum Requirement	
		40-60 sanctioned seats	61-75 sanctioned seats
2.6.1	Principal	1	1
2.6.2	Vice Principal Cum Professor	1	1
2.6.3	Professor	0	1
2.6.4	Associate Professor	2	4
2.6.5	Assistant Professor (1-2/speciality)	3	6
2.6.6	Lecturer with PG	7-12	12-20
2.6.7	Assistant Lecturer/ Tutor/ Clinical Instructor	3-6	6-8
2.6.8	<p>To start a Nursing College, Faculty should be appointed according to the seats requested. Principal, Vice Principal, one Associate Professor and two Assistant Professors are mandatory.</p> <ol style="list-style-type: none"> <li>i. Teacher Student ratio should be maintained based on the number of seats sanctioned by KUHS throughout the course period. Irrespective of number of students admitted per year, all Faculty positions i.e Professor to Tutor/ Clinical Instructor must be filled, as per the sanctioned strength for granting affiliation.</li> <li>ii. Principal should be excluded from the faculty strength in calculating 1:10 teacher student ratio.</li> <li>iii. If the institution is having both GNM and B Sc Nursing programme Teacher-student ratio of 1:10 to be maintained for the seats sanctioned for both programme,</li> <li>iv. All Nursing teachers must possess a basic University or equivalent qualification as laid down in the schedules of the Indian Nursing Council Act, 1947.</li> <li>v. They shall be registered under the State Nursing Council Registration Act.</li> <li>vi. Nursing Faculty except Assistant Lecturer/Tutor/ Clinical Instructor must possess the required Post Graduate qualification and teaching experience in collegiate programme in the concerned Nursing subjects.</li> <li>vii. For Assistant Lecturer/Tutor/ Clinical Instructor, one Year clinical experience after Post Basic B Sc Nursing/B Sc Nursing course is mandatory.</li> <li>viii. No part time Nursing Faculty /external Faculty will be counted for calculating total number of Faculty required for a college.</li> <li>ix. All teachers of nursing other than Principal should spend at least 4 hours in the clinical area for Clinical teaching and/or supervision of students every day.</li> </ol>		

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	<ul style="list-style-type: none"><li>x. Relieving /transfer/resignation/ joining of Faculty including Principal should be informed to KUHS within 15 days.</li><li>xi. The appointment of new Faculty and Principal should be intimated to KUHS for approval within 15 days.</li><li>xii. The registration in the Faculty Enrollment Programme(FEP) of KUHS is mandatory for approval as a Faculty in any affiliated Institutions.</li></ul>
2.7	<b>Statutory Permissions</b>
2.7.1	<b><i>State/Central Govt.</i></b> As per 2.7.1 of General MSR of KUHS The applicant shall submit the prescribed application along with the Essentiality Certificate/No Objection Certificate obtained from the State Government for starting B Sc Nursing course. No Objection Certificate/Essentiality Certificate must indicate the institution's name along with Trust /Society, name of the course, number of seats and the concerned Academic Year of starting of the course.
2.7.2	<b><i>Statutory Councils</i></b> The institution shall get the permission from the Apex Councils to undertake admissions and shall submit the updated certified copies of such permission(s) to the University.
2.8	<b>Other Requirements</b> The documents mentioned under item 2.8.1 to 2.8.8 should be submitted along with the application form.
2.8.1	<b><i>Resolution of the Trust</i></b> Attach attested copy of the specific Resolution of the Trust/Management mentioning the name of the institution and name of the course being requested.
2.8.2	<b><i>Detailed Project Proposal</i></b> The applicant shall submit a detailed project report for starting and continuing the academic programme fulfilling the norms of apex council and KUHS along with the application.
2.8.3	<b><i>Legal Documents</i></b> Attach copy of the following documents to prove the ownership of the College and Hospital & other infrastructure facilities. <ul style="list-style-type: none"><li>i. Clear title deed of the property in favour of the applicant;</li><li>ii. Copies of constitution, bye-laws and certification of registration of the agency proposing to start college/course.</li><li>iii. Resolution of the management earmarking area and purpose of running the institution/course concerned;</li></ul>

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	<ul style="list-style-type: none"> <li>iv. A sketch showing the specific area so earmarked with boundary description, measurements and all details required for identifying the land;</li> <li>v. A declaration signed by the applicant to the effect that the area so ear marked shall not be used for running any other institution;</li> <li>vi. Details of the financial guarantee proposed to be furnished to the University by the Management</li> <li>vii. Copy of agreement, if any, executed with the Government, and Essentiality certificate/permission of the Government, wherever applicable.</li> </ul>
2.8.4	<p><b><i>Financial Statement</i></b></p> <p>Attach attested copy of Audited Balance sheet of the applicant entity for the previous one year for Non-Governmental organisations and budget allocation for parent institution in the case of Government</p>
2.8.5	<p><b><i>Essentiality/NOC from Govt.</i></b></p> <p>The essentiality certificate issued by Govt. regarding feasibility and desirability of starting the course with admission capacity should be submitted along with the application, wherever apex council demands more specifications, that also may be included in the essentiality certificate.</p>
2.8.6	<p><b><i>Approved Plan</i></b></p> <p>Attach copy of attested Site Plan and Building plan of the Institution including hostels, play ground and Administrative block approved by Local Self Government</p>
2.8.7	<p><b><i>Clearance from Pollution Control Board</i></b></p> <p>All the Academic Institutions and Parent Hospitals shall take adequate pollution control measures, waste disposal measures including bio medical waste, sewage water treatment plant and other requirements specified by the pollution control board and local self-Government and submit the copy of valid Clearance certificate from Pollution Control Board .</p>
2.8.8	<p><b><i>Under taking by the Chairman/Chairperson of the Trust</i></b></p> <p>As 2.8.8 of General MSR of KUHS</p>
2.9	<p><b><i>Time &amp; Mode of Application</i></b></p> <p>As per Notification of KUHS for a particular Academic Year</p>
2.9.1	<p><b><i>Application Fee</i></b></p> <p>As fixed by KUHS from time to time</p>
2.9.2	<p><b><i>Processing of Application</i></b></p>

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	<p>As per 2.9.2 of General MSR of KUHS</p> <p>i. The University issues notification inviting application for starting new college/course/enhancement of seats of existing courses usually in the month of September every year. Once notification is issued online facility will be provided for submitting application. The application has to be submitted online by remitting prescribed application fee for each course. The print out of the application along with the requisite documents mentioned in the form shall be submitted to the University before the last date as per notification of KUHS for that year.</p> <p>ii. KUHS on receipt of the application will scrutinize the application form with respect to its acceptability as per MSR for the course, norms of councils, Govt. directions from time to time and remittance of required fee in time.</p> <p>Acceptable applications will be processed and KUHS will undertake necessary inspection(s) to assess suitability with regard to physical infrastructure, clinical facility and teaching faculty in order to give permission to start the Nursing program.</p>
2.10	<p><b>Perspective Plan</b></p> <p>Background Information to be provided with the application</p>

### 3. MINIMUM STANDARDS / REQUIREMENTS (MSR) TO START THE NURSING COURSE

3.1	<b>Land for the Institution</b>
3.1.1	<p><b><i>Owner ship of land</i></b> : Refer 2.2.1</p> <p>It is compulsory that nursing programmes should be started in their own building. Institutions, which are functioning in rented building, should ensure that within the period of two years they should construct their own building. Otherwise penal actions including withdrawal of affiliation shall be taken by KUHS .</p>
3.1.2	<p><b><i>Area required</i></b></p> <p>Minimum 3 acres</p>
3.1.3	<p><b><i>Single/Multiple</i></b></p> <p>Should be as a single plot</p>
3.1.4	<p><b><i>Distance between Plots</i></b></p> <p>Not Applicable</p>
3.1.5	<p><b><i>Approval from local authorities</i></b></p> <p>It is mandatory to attach copy of attested Site Plan and Building plan including Academic</p>

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	block, Administrative block , hostels, playground as approved by Local Self Government
3.1.6	<b><i>Distance from Hospital</i></b> Within 15km and within the jurisdiction of KUHS.
3.1.7	<b><i>Availability of Water</i></b> Adequate and safe continuous drinking water facilities must be provided for staffs and students. Also should provide continuous water supply to the Academic block, Hospital, Laboratories, Hostels etc.
3.1.8	<b><i>Availability of Electricity</i></b> Adequate and safe continuous electricity supply must be provided to the Academic block, Hospital, Laboratories, Hostels etc.
3.1.9	<b><i>Availability of Public conveyance</i></b> Good public transport system should be available in the campus or at a maximum of 500 metre distance from the Institute.
3.1.10	<b><i>Waste disposal</i></b> Adequate waste disposal measures should be taken as per the Govt .norms.
3.1.11	<b><i>Permission of Pollution control board</i></b> All the Nursing institutions and parent hospitals shall take adequate pollution control measures by providing bio medical and other waste disposal measures, sewage water treatment plant, landscaping of the campus etc. and submit copy of the valid Clearance certificate from the Pollution Control Board.
3.1.12	<b><i>Play ground</i></b> Should be available in the campus/or may be shared with Medical College if attached
3.1.13	<b><i>Parking area</i></b> should be available in the campus/or may be shared with Medical College if attached
3.2	<b>Infrastructure for the college</b>
3.2.1	<b><i>Total plinth area Required</i></b> 24000 sq. ft .to start a college
3.2.2	<b><i>Approved Plan for the Building</i></b> Attested Site Plan and Building plan including Hospital, Academic block, Administrative block, hostels, and other facilities approved by Local Self Government shall be submitted along with the application.

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3.2.3	<p><b>Lecture Halls with teaching aids</b></p> <p>There shall be sufficient number of lecture halls for the course - minimum 4 (FOUR), each having the area of not less than 1080Sq.Ft, for intake up to sixty seats with proper ventilation, audio-visual teaching aids, electricity supply, lighting system, Fans or coolers and comfortable seating arrangement preferably gallery type.</p> <p>There should be built in black/green/white boards. There should be a desk/ dais /a big table and a chair for the teacher and racks/cupboards for keeping aids or any other equipment needed for the conduct of classes.</p> <p>The rooms and other facilities need expansion, proportionate to the number of sanctioned seats.</p>
3.2.4	<p><b>Examination Hall</b></p> <ol style="list-style-type: none"><li>i. Examination hall should meet the requirements specified by KUHS from time to time.</li><li>ii. Availability of hall of the required size to accommodate all the Regular and supplementary candidates attending the examination at a time. The hall shall have sufficient facilities like availability of light, drinking water, fan/air conditioner, attached toilet etc.</li><li>iii. Availability of a confidential room attached to the examination hall with two numbers each of desktop computers, printer/digital copier/multi-functional office machine, UPS and Internet connectivity (2 No., NME-ICT/NKN Optical fibre internet connection, VPN Setup equipment) all in working condition.</li><li>iv. In addition to this, the room shall also be equipped with fax, and land line phone facilities, all in working condition and supported by Power Generator. Surveillance Camera system of the required specifications in working condition. Communication Signal jammer of the required specification in working condition</li></ol> <p>This facility may be shared with other courses in the institute.</p> <p>Exam Hall should have 125 seating capacity with confidential room as specified in 3.2.4 of General MSR.</p>
3.2.5	<p><b>Auditorium/Multipurpose hall</b></p> <p>3000 Sq.ft and spacious enough to accommodate at least double the strength of sanctioned intake, so that it can be utilised for hosting functions of the college, educational conferences/workshops.</p>
3.2.6	<p><b>Common Rooms</b></p> <p>A minimum of 2-3 common rooms should be provided-one for staff, one for male students and one for female students with sufficient and adequate seating arrangements, cupboards, lockers, cabinets, built -in -shelves and racks.</p> <p>Toilet and hand washing facilities should be made available in each room</p>



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3.2.7	<p><b>Staff Rooms</b></p> <ol style="list-style-type: none"><li>i. There should be a separate office for the Principal with attached toilet and provision for visitor's room. The size of the office should be 300sq.ft.</li><li>ii. Independent telephone facility is a must for the Principal's office with intercom facility connected/linked to the hospital and hostel and a computer with internet facility. There should be a Mini Conference Hall (preferably A/C) adjacent to Principal's office to conduct various committees and meetings.</li><li>iii. There should be a separate office for the Vice Principal with attached toilet and provision for visitor's room. The size of the office should be 200 Sq ft. Independent telephone facility is a must for the Vice-Principal's office with intercom facility connected/linked to the hospital and hostel and a Computer with internet facility.</li><li>iv. There should be adequate number of staff rooms in proportion to the number of teaching faculty. One staff room should accommodate 2 teachers only. The size of the room should be 200Sq.ft.</li><li>v. Provide separate room for the Heads of the department.</li><li>vi. There should be separate staff rooms for Non-teaching staff with adequate toilet facility. It should be spacious enough to accommodate the entire office staff with separate cabin for each official.</li><li>vii. Each office room should be adequately furnished with items like tables, chairs, cupboards , built -in- racks and shelves, filing cabinets and book cases. Also there should be provision for computers, internet and telephone.</li><li>viii. There should be a mini conference hall adjacent to the Principal's room for conducting college council meeting, PTA meeting, Institutional Ethics Committee etc. (Preferably air conditioned with adequate audio visual facilities)</li></ol>
3.2.8	<p><b>Administrative Block</b></p> <ol style="list-style-type: none"><li>i. Administrative section of the college shall include Principal's Room, Personal Assistant's Room, Reception, Visitor's lounge, Staff Committee room, Clerks' room, Cash and Accounts section, Record room with telephone, photocopier computer and internet facility and adequate toilets. Separate furnished office room with telephone, printer, photo copier and land phone facility.</li><li>ii. It should be spacious enough to accommodate the entire office staff with separate cabin for each official. Each office room should be adequately furnished with items like tables, chairs, cupboards built-in-racks and shelves, filing cabinets and bookcases. Also there should be provision for Computers, internet facilities and telephone.</li></ol>
3.2.9	<p><b>Central Store &amp; Record Room</b></p>

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	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.	
3.2.10	<b>Laboratories</b>	
	Foundation of nursing	1500 Sq.ft.
	Medical Surgical Nursing /Skill lab	1000 Sq. ft.
	Nutrition	900 Sq. ft.
	OBG Nursing	900 Sq. ft.
	Child Health Nursing	900 Sq. ft.
	Community Health Nursing	900 Sq. ft.
	Computer -minimum 10	1400 Sq. ft.
	Pre-clinical science lab	900 Sq. ft.
	AV aids	600 Sq.ft.
3.2.11	<b>Library</b>	
	Total Area required	2400 Sq.ft.
	Reception & waiting	Shall be provided
	Property & Issue counter	Shall be provided
	Reading Room	Spacious to accommodate minimum one batch of student
	Staff/PG reading Room	Separate area within library
	Reference section	Separate reference section should be available in the Library
	Journal section	Separate journal section should be available in the Librai
	Photo copying section	Minimum one
	Internet/computer facility	Minimum two
	Room for Librarian	Separate area within library
	<i>Seating capacity and requirements</i>	
	i. Seating capacity for minimum one batch students (at least 60 students) for reading and having good lighting and ventilation and space for stocking and displaying of books and journals.	
	ii. In a new College of Nursing the total number of books should be proportionately divided on yearly basis in four years.	
	iii. At least 10 set of latest edition books in each subject to facilitate for the students to refer the books.	
	iv. The number of journals should be 15 out of which one- third shall be foreign journals and subscribed on continuous basis	
	v. There should be sufficient number of cupboards, book shelves and racks with glass doors for proper and safe storage of books, magazines, journals,	

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	<p>newspapers and other literature</p> <p>v. Computer with Internet-Minimum two</p> <p>vi. Librarian's Cabin-Separate area within library</p> <p>vii. Photocopy Machine-Minimum one</p> <p>viii. Seats for Faculty-Separate area within library</p> <p>ix. Annual budget for maintenance of library including books and journals</p> <p>Budgetary provision should be year marked</p>																																		
Books and Journals needed for UG course	<table border="1"> <thead> <tr> <th rowspan="2">Particulars</th> <th colspan="4">Minimum required</th> </tr> <tr> <th>1<sup>st</sup>yr</th> <th>2<sup>nd</sup>yr</th> <th>3<sup>rd</sup>yr</th> <th>4<sup>th</sup>yr</th> </tr> </thead> <tbody> <tr> <td>Total no. of books</td> <td>1000</td> <td>1500</td> <td>2500</td> <td>3000</td> </tr> <tr> <td colspan="5">And need yearly addition of new arrivals /editions</td> </tr> </tbody> </table>	Particulars	Minimum required				1 <sup>st</sup> yr	2 <sup>nd</sup> yr	3 <sup>rd</sup> yr	4 <sup>th</sup> yr	Total no. of books	1000	1500	2500	3000	And need yearly addition of new arrivals /editions																			
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3.2.12	<p><b>Toilet</b></p> <p>i. Separate toilets for boys and girls shall be made available in each floor.</p> <p>ii. Toilets for teachers-Separate for male and female i.e.; 4 toilets with wash basins.</p> <p>iii. Toilets for students -Separate for male and female i.e;12 toilets with wash basin for 60 students. Facilities for hygienic disposal of used sanitary napkins must be available in female toilets.</p> <p>iv. Total plinth area of all toilets in the college shall be 800Sq.ft.</p>																																		
3.2.13	<p><b>Garage</b></p> <p>Garage to accommodate vehicles of the Institute should be maintained within the campus.</p>																																		
3.2.14	<p><b>Canteen</b></p> <p>There should be provision for a canteen for the students, their guests, and all other staff members. Shall be shared with other courses in the institute.</p>																																		
3.2.15	<p><b>Transportation facilities</b></p> <p>College should have separate transportation facility under the control of the Principal. According to student strength transportation facilities to be established, preferably</p>																																		

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	Bus(seats and number of buses according to student strength and requirements) for students and a staff car for principal /office use.
3.2.16	<b>Room for audio-visual aids</b> Refer 3.2.10
3.2.17	<b>Fire &amp; Safety measures</b> Adequate provision for extinguishing fire should be available with valid certification of fire& safety authority
3.3	<b>Man power requirement</b>
3.3.1	<b>Teaching Staff (Number, Qualification &amp; Experience required)</b>

	Designation	Qualification	Experience
3.3.1.1	Principal	Master's Degree in Nursing Desirable: M Phil (N)/ PhD (N) / Publications	15 years experience after M.Sc (N), out of which 12 years should be teaching experience with minimum of 10 years in collegiate programme.
3.3.1.2	Vice Principal		12 years experience after M.Sc (N), out of which 10 years should be teaching experience with minimum of 8 years in collegiate programme.
3.3.1.3	Professor		10 years experience after M. Sc (N),out of which 8 years should be teaching in collegiate program.
3.3.1.4	Associate Professor		8 years experience after M. Sc (N), out of which 5 years should be teaching experience in collegiate programme.
3.3.1.5	Assistant Professor	Masters Degree in Nursing	3 years teaching experience after M.Sc (N), in a collegiate programme.
3.3.1.6	Lecturer	Masters Degree in Nursing	
3.3.1.7	Asst. Lecturer/ Tutor/ Clinical Instructor	B Sc(N) /Post Basic B Sc (N)	1 year clinical experience.

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3.3.1.8	Year Wise Distribution of Faculty for Collegiate Programme				
<b>B Sc Nursing 40-60 Annual Intake</b>					
<b>Sl.No.</b>	<b>Designation</b>	<b>1<sup>st</sup> year</b>	<b>IInd year</b>	<b>IIIrd year</b>	<b>IVth year</b>
1	Principal	1	1	1	1
2	Vice Principal	1	1	1	1
3	Professor	0	0	0	0
4	Associate Professor	1	2	2	2
5	Assistant Professor	2	2	3	3
6	Lecturer (PG)	1	4	6	7-12
7	Tutor/Clinical Instructor/ Assistant Lecturer	1-2	3-4	3-5	3-6
<b>B Sc Nursing 61-75 Annual Intake</b>					
<b>Sl.No.</b>	<b>Designation</b>	<b>1 Year</b>	<b>II Year</b>	<b>III Year</b>	<b>IV Year</b>
1	Principal	1	1	1	1
2	Vice Principal	1	1	1	1
3	Professor	1	1	1	1
4	Associate Professor	1	2	3	4
5	Assistant Professor	2	4	5	6
6	Lecturer (PG)	2	4	10	12-20
7	Tutor/Clinical Instructor/ Assistant Lecturer	1-2	3-4	4-6	6-8
3.3.1.9	Age of Retirement Age of retirement from service is as per statutory body direction. Teachers and Principals above the age of 70 years shall not be considered as a faculty of KUHS.				
3.3.2	<b><i>Administrative staff</i></b>				
3.3.2.1	Administrative Officer				1
3.3.2.2	Office Superintendent				1
3.3.2.3	Confidential Assistant to Principal				1
3.3.2.4	Accountant/Cashier				1
3.3.2.5	Data Entry Operator /Comp Asst				1
3.3.2.6	Clerk				4
3.3.2.7	Store Keeper				1
3.3.2.8	Office/Class room Attender				2
3.3.3	<b><i>Laboratory Staff</i></b> Lab Instructor				1

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	Lab Technician / Assistant	
3.3.4	<b>Library staff</b>	
	Librarian grade I	1
	Attender	1
3.3.5	<b>Technical staff</b>	No separate technical staff if the institution is utilizing parent hospital facilities.
	Electrician	
	Plumber	
	Mechanic	
3.3.6	<b>Supporting staff</b>	
	Cleaning Staff	As per the Physical space- one staff for 9000 sq ft
	Security staff	As per the requirement,
	Driver	As per Number for vehicles available
3.4	<b>Equipments &amp; Instruments</b> As per seat sanctioned	
3.5	<b>Laboratory</b> Refer 3.2.10	
3.6	<b>Departmental Library</b> Refer 3.2.11	
3.7	<b>Hostel</b> Shall fulfil criteria specified for approval of Hostels by KUHS	
3.7.1	Total Plinth area	As per KUHS norms
3.7.2	Approved Plan	Refer 3.2.2
3.7.3	Single Room	Minimum 50 sq ft. dwelling space per student to be maintained with cot, table, chair, cloth stand and storage facility
3.7.4	Double Room	
3.7.5	Triple Room	

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3.7.6	Dormitory	
3.7.7	Study Room	Should be available with seating arrangements
3.7.8	Visitors Room	There should be a visitor's room in the hostel with comfortable seating, lighting and toilet facilities
3.7.9	Recreation/Common Room/ Physical fitness Centre	There should be facilities for indoor and outdoor games. There should be provision for T.V., radio and video cassette player
3.7.10	Room for House Keeper	Should be available
3.7.11	Room for Security staff	Should be available
3.7.12	Dining Room & Kitchen	There should be a hygienic kitchen and dining hall to seat at least 80% of the total student's strength at one time with adequate tables, chairs, water coolers, refrigerators and heating facilities. Hand washing facilities must be provided.
3.7.13	Washing Room & Ironing Room	Facility for drying and ironing clothes should be provided in each floor
3.7.14	Sick room	A sick room should have a comfortable bed, linen, furniture and attached toilet. Minimum of 5 beds should be provided.
3.7.15	Room for night duty students	Room for night duty students should be in a quiet area.
3.7.16	Warden's room	Warden should be provided with a separate office room besides her residential accommodation
3.7.17	Guest room	A guest room with adequate facilities should be made available
3.7.18	Bath Room	One bathroom for 2-6 students in each floor
3.7.19	Toilets	One toilet for 2-6 students in each floor
3.7.20	Drying Area	Should be provided
3.7.21	Other requirements	As per KUHS Hostel MSR

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3.7.22	Residential accommodation	Residential family accommodation for Principal and faculty should be provided, according to their marital status.  Telephone facility for the Principal (Hostel Warden)at her residence must be provided.
3.8	<p><b>Parent Hospital (Refer 2.3)</b></p> <ul style="list-style-type: none"> <li>i. A Parent Hospital would be a Hospital either owned and controlled by the Trust or managed and controlled by a member of the trust.</li> <li>ii. In case the owner of the Hospital is a member of the trust then in that event an undertaking has to be taken from the member of the Trust that the Hospital would continue to function as a Parent Hospital till the life of the Nursing Institution.</li> <li>iii. The undertaking would also be to the effect that the member of the trust would not allow the Hospital to be treated as Parent Hospital to any other Nursing institution.</li> <li>iv. It is to be noted that once a particular hospital is shown as parent hospital and permission given to the Nursing Institution to conduct Nursing Course, then in that event the permission/suitability granted would last as long as the said hospital is attached as a parent hospital. The required proforma of the undertaking to be submitted from the member of the Trust.</li> </ul>	
3.8.1	<p><b>Hospital Requirement</b></p> <p>An established 300 bedded Hospital with minimum one year of functioning</p>	
3.8.2	<p><b>Ownership</b></p> <ul style="list-style-type: none"> <li>i. Any organization that is intending to establish Nursing College should have own parent hospital. "To be considered as parent hospital" both institution &amp; hospital shall be under the same trust/Management /Organisation</li> <li>ii. Parent hospital should not be changed without the prior consent of the university.</li> </ul>	
3.8.3	<p><b>I. Hospital Facility</b></p> <p>The hospital shall be suitably spacious to accommodate all facilities required for the course.</p> <p>In addition to the Basic speciality beds, other specialities/facilities for clinical experience required -minimum 70 beds are preferable as follows</p> <p>Eye/ENT, Burns &amp;Plastic, Neonatology with nursery, Communicable diseases, Cardiology, Oncology, Nephrology, Neurology / Neuro-Surgery ICU/ICCU.</p> <ul style="list-style-type: none"> <li>i. 300 bedded Parent hospital is required for starting a B.Sc Nursing programme .</li> <li>ii. Parent Hospital distribution of minimum beds in different specialities <ul style="list-style-type: none"> <li>a. Medical                      45</li> <li>b. Surgical                        45</li> </ul> </li> </ul>	



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	<p>c. OBG                      45</p> <p>d. Paediatric                30</p> <p>e. Ortho                      15</p> <p>f. Psychiatric                50 may be in affiliated hospital.</p> <p>iii. Bed occupancy of parent hospital should ensure 1:3 student patient ratio .It should have 20% beds in general ward. General ward should be freely available for clinical posting of students of nursing college attached to the hospital.</p> <p>iv. The parent hospital should have clinical facilities to satisfy the requirements of KUHS.</p> <p>v. While deciding the seats and giving permission to the institution, they shall have requisite Clinical, Teaching and Physical facilities as prescribed by the Apex Councils and KUHS.</p> <p><b>II. Affiliation</b> -If the facilities are not adequate in the parent Hospital, Affiliations may be obtained for the following specialities</p> <p>A).Community Health Nursing</p> <p>B).Mental health (Psychiatric)Nursing</p> <p>C). Specialities like ENT &amp;Ophthalmology, Cardiology, Cardio- Thoracic Surgery, Neurology, neurosurgery, Neonatology, Oncology, Urology, Nephrology, Plastic surgery, and Paediatric Medicine and Surgery and OBG.</p> <p>i. A college can be affiliated to maximum three hospitals and a hospital can give affiliation to a maximum of three colleges for speciality postings, establishing 1:3 student patient ratio norms.</p> <p>ii. The physical facilities, staffing and equipment of affiliated hospitals should be of the same standard as required in the parent hospital</p> <p>iii. A legally valid MOU to be signed by the institution and hospital management to establish affiliation in the format prescribed by KUHS and the same should be renewed annually.</p> <p>iv. Institution from which Affiliation is sought for Psychiatric nursing can be in the radius of 50 kms from the institution.</p> <p>v. Affiliated psychiatric hospital should have minimum 50 beds. Affiliation can be sought on rotational basis to establish student patient ratio of 1:3.</p>
3.8.4	<p><b><i>In Patient /out patient's status of the parent hospital</i></b></p> <p>i. The Hospital shall maintain a computerized central registration system for maintaining Department wise in patients and Out-Patient records.</p> <p>ii. The institution should maintain 1:3 student patient ratios, proportionate to the sanctioned intake of students throughout the course period.</p> <p>iii. The number of beds in the parent hospital should be increased to maintain the</p>

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	patient-student ratio of 1:3 in the consecutive years.
3.8.5	<b><i>Departments needed in parent hospital (minimum)</i></b> Medical, Surgical, Operation theatres- major, minor operation Orthopaedics, Paediatrics, Obstetrics and Gynaecology.
3.8.6	<b><i>Exclusive requirement for the course</i></b> i. College should be within the Parent Hospital Campus or within 15 Kms from the institution by motor able road in jurisdiction of KUHS. ii. Parent Hospital should have clinical learning facilities in the Medical and Surgical Wards for first year and second year B Sc Nursing students.
3.8.7	<b><i>Exclusive Equipment</i></b> As per the norms of competent authority in force from time to time.
3.8.9	<b><i>Hospital Staff needed</i></b> The hospital shall possess required number of hospital staff. The institution should have qualified and experienced nursing staff as per the apex council norms/KUHS and Govt. norms from time to time.
3.8.10	<b><i>Distance from Teaching institution</i></b> College should be within the Parent Hospital Campus or within 15 Kms from the institution by motorable road in the jurisdiction of KUHS .