### STANDARDS FOR EDUCATION OF TRADITIONAL MEDICINE - 2021 (MENPA)



**KINGDOM OF BHUTAN** 

BHUTAN MEDICAL AND HEALTH COUNCIL ROYAL GOVERNMENT OF BHUTAN

# STANDARDS FOR EDUCATION OF TRADITIONAL MEDICINE (MENPA)



Bhutan Medical and Health Council Royal Government of Bhutan

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#### ACKNOWLEDGEMENT

This document was developed during a workshop in Thimphu from 24-27 February, 2021. The following officials actively contributed in the development of this document:

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#### PREAMBLE

Under the power vested in the General Body by the Chapter VI Section (i) of the Medical and Health Council Act 2002, Kingdom of Bhutan, the General Body of the Council during its 14th General Body Meeting held on 25th August 2021 approved this document.

#### **Short Title**

Standard for Education of Traditional Medicine (2021).

#### Commencement

This standard shall come into effect from 1st January 2022.

#### Supersession

This Standard shall supersede the provisions of existing standards, guideline, notifications and circulars that are inconsistent with this Standard.

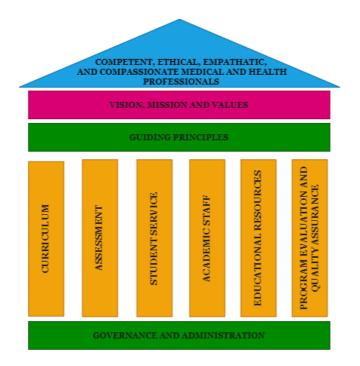
#### **SCOPE AND APPLICATION**

These standards shall apply to all institutes providing education and training in Diploma in Menpa programs. The checklist provided at the end of the standard is applicable only for a maximum of 50 students. Any increase from 50 will require adoption of a new checklist for all standards.

#### LEGAL CONTEXT

As per the powers granted under Chapter III Section 1a, 1b and 2 and Chapter VI (h) of the Medical and Health Council Act 2002, the Bhutan Medical and Health Council hereby frames the following standards:

Standard I: Governance and Management Standard II: Curriculum Standard III: Assessment Standard IV: Teaching Faculty Standard V: Students Standard VI: Resources Standard VII: Program Evaluation and Quality Assurance



#### PRINCIPLES

These standards for Education of Menpas are based on the following principles:

- 1. Establishment of quality objectives provides a clear direction for the measurement of standards;
- 2. Identification of competencies provide a sound basis to build curricula that meet traditional health needs of the population;
- 3. Provision of adequate resources is key towards ensuring availability of appropriate facilities for education and learning;
- 4. Interaction between the students and the clients is the primary focus of quality education and care;
- 5. An inter-professional approach to education and practice is critical in traditional medicine education;
- 6. The standards will serve as benchmarks and promote uniformity in the teaching and learning systems.

#### **EXPECTED OUTCOMES**

- 1. Graduates demonstrate established competencies in traditional medicine practice with a sound understanding of the determinants of health;
- 2. Graduates are awarded a professional degree and meet the regulatory standards set by the Bhutan Medical and Health Council.

#### STANDARD I: GOVERNANCE AND MANAGEMENT

This standard is set to establish governance and management structures to provide effective leadership. The institute that provides traditional educational programmes shall ensure a clear mechanism (policies and practices) of leadership and management. The area includes leadership; resource planning and allocation, and organizational structure. These must reflect professional standards and meet the needs and expectations of the community of interest. Policies and practices shall be consistent with the requirements of Bhutan Medical and Health Council and service standards of the Ministry of Health. The proponent shall ensure "plan of governance" in the institute.

#### 1.1. Objective

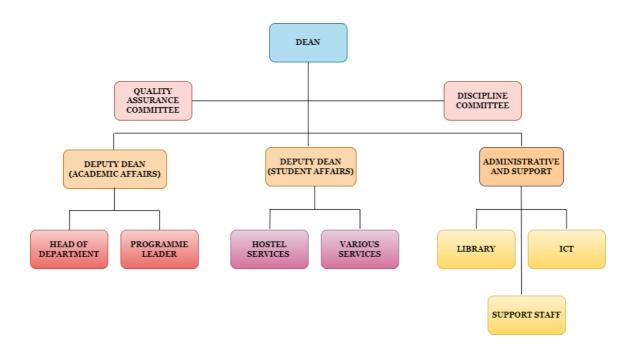
To delineate the functional and structural governance in the institute with clear vision, mission, and expected outcomes.

#### **1.2.** Quality indicators

- 1.2.1. There is clearly stated vision, mission, objectives and expected outcomes in congruence with the proposed institution's regulations or rationale for its establishment;
- 1.2.2. There is defined governance and administrative structure including relevant boards, and committees with clear terms of reference;
- 1.2.3. There is defined academic and clinical outcomes of the programme;
- 1.2.4. There is an identified teaching hospitals/primary health centers and other hospital for specialized clinical training;
- 1.2.5. There is quality assurance unit/committee to ensure effective monitoring of academic programme;
- 1.2.6. There is a defined mechanism to ensure adequate and regular financial resources to sustain the educational programs;
- 1.2.7. There is dedicated allocation of the resources necessary for the implementation of the curriculum and educational needs;
- 1.2.8. There is a clear organizational structure for administrative and professional staff;
- 1.2.9. There is a mandate in place to notify the BMHC for any major changes that affects the direction of the training program such as title of the award, program content, admission criteria and number of student intake, and suspension of program;
- 1.2.10. The organogram, responsibilities and functions of the institute is clearly written and displayed in an organizational chart;

- 1.2.11. The Head of the institute should be from the relevant professional background;
- 1.2.12. The management of the institute is implemented, monitored and evaluated by the relevant committees/boards;
- 1.2.13. The institute has at least one Academic Committee with clear Terms of Reference; and
- 1.2.14. The administrative body holds regular meetings, keeps minutes, and communicates pertinent information to staff and students.

#### Annexure 1: SAMPLE OF THE GOVERNANCE STRUCTURE OF THE INSTITUTE



## Annexure 2 - CHECKLIST FOR STANDARD I: GOVERNANCE AND MANAGEMENT

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

#### Address:

Sl. No.	Items	Yes	No	Remarks
1.	Is there clearly defined vision, missions and expected outcomes?			
2.	Is there a clearly defined governance and administrative structure including relevant boards, and committees with clear terms of reference?			
3.	Are the academic and clinical outcomes clearly defined?			
4.	Is there an identified teaching hospital, primary health centers and other hospitals/Centers for specialized clinical training?			
5.	Is there a quality assurance unit for monitoring and evaluation?			
6.	Is there a defined mechanism for allocation of adequate and regular financial resources?			
7.	Is there a clear organizational structure for the administrative and management staff?			
8.	Is there a mandate in place to notify the BMHC for any major changes that affect the direction of the training program such as title of the award, program content, admission criteria and number of student intake, and suspension of program.			
9.	Is the management body of the institute monitored and evaluated by the relevant committee/body?			
10.	Is the organogram, responsibilities and functions of the institute clearly written and displayed in an organizational chart?			

11.	Is there an Academic Committee with a clear ToR?		
12.	Has the administrative body conducted regular meetings, recorded minutes, and communicated pertinent information to staff and students?		

(Name & Signature of Evaluator)

#### **STANDARD II: CURRICULUM**

This standard is set to ensure that the outcome of the programme is consistent with the mission and philosophy of the institute. The curriculum shall provide correlated theory and practice to prepare the graduates with a level of competence required for safe and effective care at the level relevant to the programme offered. The curriculum should accomplish its educational and related purposes.

#### 2.1. Objective

To have a dynamic curriculum that leads to graduates who demonstrate competencies and skills with sound understanding of the determinants of health and adhere to the code of ethics and standards of the profession.

#### 2.2. Quality Indicators

- 2.2.1. The institution has a defined curriculum including the nature of the course, course content, duration, modes of delivery, aims and learning outcomes of the programme and academic structure which is validated and approved by the affiliated university/relevant boards.
- 2.2.2. The curriculum meets national and international education criteria, and professional and regulatory requirements for practice;
- 2.2.3. There is a clear plan for the review of the curriculum;
- 2.2.4. The institution teaches the principles of empirical knowledge and skills including analytical, critical thinking and competencies required for the profession throughout the curriculum;
- 2.2.5. The curriculum includes current concepts in the basic clinical sciences, including therapy, adaptation in the disease pattern, and the effects of social needs and the demands on care;
- 2.2.6. The duration of the training program is a minimum of 3 years.

#### Annexure 1 - CHECKLIST FOR STANDARD II: CURRICULUM

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Date of Assessment:		 	•••••	••••	••••••	 	•••••
Name of the institute/c	college:	 				 	

#### Address: .....

Sl. No.	Items	Yes	No	Remarks
1.	Is the curriculum validated and approved by the affiliated university/relevant boards ?			
2.	Does the curriculum meet national and international education criteria, and professional and regulatory requirements for practice?			
3.	Is there a clear plan for the review of the curriculum?			
4.	Is there a clear mention of core competencies in the curriculum?			
5.	Is the teaching-learning methods clearly outlined for both practical and theory modules?			
6.	Are the learning outcomes and objectives clearly stated?			
7.	Is there a clear semester-wise description of course content?			
8.	Is the hour distribution for theory and practical components in accordance with the module requirement?			
9.	Is the duration of the course clearly stated according to the program offered?			

#### (Name & Signature of Evaluator)

#### STANDARD III: ASSESSMENT

This standard is set to have a clear assessment system which will evaluate the achievement of intended learning outcomes. The assessment shall be fair, reliable and valid enabling students to demonstrate what proficiencies they achieved. Assessment shall include various methods for continuous quality improvement. The institute shall put in place mechanisms for appeal and scrutiny by the external experts.

#### 3.1. Objectives

To have a fair, transparent and reliable assessment system with formative, continuous and summative methods to continuously assess the learning, knowledge and skill development of the students.

#### 3.2. Quality Indicators

- 3.2.1. The institute has a clear policy/regulation/guideline for examination/ assessment including criteria for passing examinations;
- 3.2.2. Assessment system encompasses formative, continuous and summative modes;
- 3.2.3. Assessment is open to scrutiny by the external experts;
- 3.2.4. There is a method of assessment to avoid conflict of interest;
- 3.2.5. There is a system for appeal of assessment results;
- 3.2.6. There is consistent approach to assessment across modules that are periodically reviewed and updated;
- 3.2.7. The faculty conducting the assessment adopts a formal preparation in assessment and evaluation;
- 3.2.8. The assessors have experience/expertise in the subject area;
- 3.2.9. The assessment is fair, reliable and valid enabling students to demonstrate what proficiencies they achieved;
- 3.2.10. The assessment is mapped to the curriculum and occurs throughout the programme;
- 3.2.11. Practical assessment is facilitated and evidenced by observations and other appropriate methods;
- 3.2.12. The assessment of practice and theory is weighted appropriately to the programme.

#### Annexure 1 - CHECKLIST FOR STANDARD III: ASSESSMENT

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Date of Assessment:		• • • • • • • • •		•••••	•••••	• • • • • • • • • •	 •••••	 •••••
Name of the institute	e/college:		••••			•••••	 	 •••••

#### Address: .....

Sl. No.	Items	Yes	No	Remarks
1.	Is there a clear written exam policy/regulation /guideline?			
2.	Are the modes of assessment clearly mentioned against each module?			
3.	Are the elements of continuous assessment (e.g. observation, questioning, quizzes, feedback, competency signout, assignment, reflective journal, performance evaluation, presentation, unit test, log book, etc ) adopted?			
4.	Are the elements of summative assessment (e.g. objective structured clinical/practical and theory examination) adopted?			
5.	Is there a system to avoid conflict of interest?			
6.	Is there a system to appeal for the assessment results?			
7.	Do the assessors have experience/expertise in the subject area?			
8.	Is the assessment fair, reliable and valid?			
8.1	Is there a moderation checklist and has it been implemented?			
8.2	Is the security and confidentiality of the assessment documents maintained?			
9.	Is the assessment mapped (weighted) to the curriculum and occurs throughout the programme?			

10.	Is the practical assessment facilitated and evidenced by observations and other appropriate methods?			
10.1	Is there a checklist and documentation of how the practical assessments are to be conducted?			

#### (Name & Signature of Evaluator)

#### STANDARD IV- TEACHING FACULTY

The institute shall recruit adequate teaching faculty members with relevant qualifications and experience. The faculty members will strive to provide quality teaching-learning, build research culture and facilitate student research and academic leadership. Faculty members with all these attributes will assist the institute to attain the goals and outcomes of the educational programme.

#### 4.1.Objective

To promote recruitment of appropriate (qualification and competency) and adequate faculty members to deliver the programme effectively.

#### 4.2. Quality Indicators

- 4.2.1. There is a clear policy and robust process of faculty recruitment ;
- 4.2.2. The faculty members are registered with the Bhutan Medical and Health Council;
- 4.2.3. The faculty is provided with all the basic resources for teaching and learning;
- 4.2.4. The faculty members are trained in basic pedagogy and clinical research;
- 4.2.5. There is a good plan for continuing professional education for academic and clinical faculty to maintain their expertise and competence;
- 4.2.6. There is a robust mechanism for evaluating the faculty periodically;
- 4.2.7. There is a required number of teaching faculty members as per the standard;
- 4.2.8. The institute meets the teacher: student ratios:
- 4.2.9. The faculty members teaching clinical subjects are involved in clinical practice for at least 20% of the time (at least one day in a week);
- 4.2.10. The faculty members teaching non-clinical subjects possess appropriate professional qualification and experience relevant to the areas of their expertise; and
- 4.2.11. The institution has a policy to promote research activities by the faculty, trainees and the institutions.

#### Annexure 1 - CHECKLIST FOR STANDARD IV: TEACHING FACULTY PERFORMANCE EVALUATION

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Address:

Sl. No.	Items	Yes	No	Remarks
1.	Is there a clear policy for faculty recruitment?			
2	Do the faculty members who are teaching possess appropriate professional qualification and experience relevant to the areas of their expertise?			
3.	Teacher: student ratio			
3.1	Is the teacher-student ratio for theory classes 1:25 or less?			
3.2	Is the teacher-student ratio for tutorial, clinical and laboratory classes 1:12 or less?			
4	Is the teacher-module ratio 1:3 or less?			
5.	Are the faculty members teaching clinical subjects involved in clinical practice for at least 20% of the time (at least one day in a week)?			
6	Is there a designated program coordinator for the dental hygiene program?			
7	Are the drungtsho faculty members registered with BMHC?			
8	Basic pedagogy and basic medical research.			
8.1	Are all the faculty members trained in basic pedagogy?			
8.2.	Are all the faculty members trained in basic medical research? (faculty development programme *)			
9	Is there evidence of availing continuing professional development by the faculties?			

10	Is there evidence of the faculty conducting the research or research based teaching and learning?		
11	Evaluation of faculty performance		
11.1	Is there evidence of teaching - learning activities?		
11.2	Is there evidence of instructional leadership activities?		
11.3	Is there evidence of co-curricular and extracurricular activities?		
11.4	Is there a peer feedback system in place for effective teaching and learning?		
11.5	Is there a student feedback system in place for effective teaching and learning?		

(Name & Signature of Evaluator)

#### Annexure 2 - CHECKLIST FOR STANDARD IV: TEACHING FACULTY STRENGTH

#### **Direction:**

Assess the available resources, put tick ( $\sqrt{}$ ) in the appropriate column.

Date of Assessment:

Name of the institute/college: .....

Address:

Sl.No.	Items	No. of faculty required (up to 50 students)	Yes	No	Remarks
A	Anatomy and Physiology (Lue- kham- Rigpa) 1. Anatomy and Physiology	1			
В	DiseaseEtiologyandDiagnostic(Nadkham & Takthab Rigpa)1.Sphygmology2.2.Urinalysis3.Principles of etiology4.Treatment of Heterogeneous Disease and Vital Points5.Distinguishing Hot and Cold Disorder6.Fundamentals of Three Humors Dsease and Disease Code7.Advanced Etiology & Diagnosis 8.8.Study of Evil Spirit and Geriatric Care	3			
С	<ul> <li>Medicine and Pharmacy (Man-choe and Man –Jor- Rigpa)</li> <li>1. Pharmacology</li> <li>2. Condensed Diagnosis and Treatment and Essential drugs</li> <li>3. Diagnostic and Preventive Methods</li> <li>4. Herbal Formulary</li> </ul>	2			

D	Therapy (chaed-Choe-Rigpa)		
	<ol> <li>Advanced Sorig Massage</li> <li>Gold Needle Therapy</li> <li>Purgation and Emesis</li> <li>Sorig Meditation and Yoga</li> <li>Venesection and vital points</li> <li>Herbal bath and affusion</li> <li>Advanced study of Herbal Bath, Compression &amp; Affusion</li> <li>Advanced Nasal Irrigation and Enema</li> <li>Sorig Massage</li> <li>Advanced Purgation and Emesis</li> <li>Advance invasive therapy</li> <li>Moxibustion and Golden Needle Therapy (Cupping &amp; Horn Cauterizes)</li> <li>Herbal Compression and Enema</li> </ol>		
E	<ul> <li>Academic skills and Astrology</li> <li>1. Academic Skills</li> <li>2. Research Methodology</li> <li>3. Introduction to Astrology</li> <li>4. Commentary on Lunar Calendar</li> <li>5. Ngagdon I</li> <li>6. Ngagdon II</li> <li>7. Analytical skills</li> <li>8. Information and Communication Technology (ICT)</li> <li>9. GDP and Inventory Management</li> </ul>	3	
F	<ul> <li>Basic Sowa-Rigpa <ol> <li>History of Sowa Rigpa</li> <li>Introduction and Enumeration of Four Tantras</li> <li>Treatment Methods and Clinical Ethics</li> <li>Dietetics and Behavioral Science</li> </ol> </li> </ul>	1	

G	Basic modern science	2	
	1. Basic Nursing Skills I		
	2. Basic Nursing Skills II		
	3. First Aids pharmacokinetics and infection control		
	4. Modern Anatomy and physiology		

#### Note

- 1. Category D&G -There may be visiting faculty with the right qualification and experiences.
- 2. Category A B C E F Institute should mandatory recruit the reflected number as full time faculty.

(Name & Signature of Evaluator) (Name & Signature of Representative of institute)

#### **STANDARD V: STUDENT SERVICES**

This standard is set to define requirements to promote a conducive teachinglearning environment and other support services for the students. Strategies should be in place to ensure that admission requirements are in line with the program's academic objectives and student intake.

#### 5.1. Objective

To have systems in place to ensure a conducive teaching-learning environment, other support services and admission requirements in line with the program's academic objectives and student intake.

#### 5.2. Quality Indicators

- 5.2.1. There is a written document outlining the policy on admission, eligibility criteria, selection procedures, and fee structure to ensure fair, transparent student admission;
- 5.2.2. The institute has a mechanism in place to facilitate student representation in decision making process to promote participation for holistic education;
- 5.2.3. Students have access to support services which includes health, counselling, recreational facilities and financial aid;
- 5.2.4. There are arrangements with required facilities for special need students, where applicable;
- 5.2.5. There is mechanism in place to monitor the quality of accommodation and food served;
- 5.2.6. The institute defines the size of student intake based on the capacity of faculties and available resources; and
- 5.2.7. There is a system in place to obtain approval from the Bhutan Medical and Health Council in case of increase in its admission intake.

#### Annexure 1: CHECKLIST FOR STANDARD V: STUDENTS

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Address:

Sl. No	Items	Yes	No	Remarks
1.	Is there written documents outlining its policy on admission criteria and processes in place to ensure fair and transparent student admission?			
2.	Is there a mechanism in place to facilitate student representation in decision making?			
3.	Is there access to support services which includes health, counselling, recreational facilities and financial aid?			
4.	Are there arrangements with required facilities for special needs students, if applicable?			
5.	Is there a mechanism in place to monitor the qual served?	ity of a	iccomm	odation and food
5.1	Is the accommodation facilities student friendly?			
5.2	Are the meals served in a nutritious and balanced diet?			
6.	Is the institute's intake of students as per the policy?			
7.	Is there a system in place to obtain approval from the Bhutan Medical and Health Council in case of increase in its admission intake?			

(Name & Signature of Evaluator)

#### **STANDARD VI: RESOURCES**

This standard seeks to set the minimum requirement of resources to maintain the quality of academic and other programs. The institute should have sufficient resources to fulfill the purposes of the institute. The allocation of the resources should be based on the number of students, academic faculty, type of programs, infrastructure facilities, etc. to support in achieving the programs objectives and outcomes.

#### 6.1.Objective

To allocate adequate resources (physical infrastructure, human resources, curriculum, equipment and other teaching and learning facilities) to ensure that the curriculum can be delivered

#### **6.2.Quality Indicators**

#### **Physical facilities**

- 6.2.1. The institution has required physical facilities (lecture rooms, office space, practical rooms, laboratories, libraries, information technology) for the staff and students to ensure proper delivery of the curriculum;
- 6.2.2. There is adequate human resource to support the development and implementation of the programme;
- 6.2.3. The institute offering a training program leading to the award of Diploma has Menchoe Rigpa, Jamtshub Ched, and Jongjed Lay Nga
- 6.2.4. The institute complies with the other relevant laws (Bhutan Medicines Act, Narcotic Drugs and Psychotropic Substances and Substance Abuse Act) and regulations;
- 6.2.5. Resource allocation is in keeping with the academic development of the institution and increasing number of students;
- 6.2.6. There is a mechanism for effective maintenance and optimal use of infrastructures.

#### Clinical training resources

- 6.2.7. The institute has an identified teaching hospital, primary healthcare center and other hospital for specialized clinical training;
- 6.2.8. There are provisions of necessary resources (number and categories of patients, clinical training facilities, and supervision of their clinical practice) for students to acquire adequate clinical experience.
- 6.2.9. The institute has access to medical equipment for their teaching and learning activities to the students

#### Information technology

- 6.2.10. Formulates and implements a policy which addresses effective and ethical use;
- 6.2.11. There are accessible information technology services including computer and electronic facilities;
- 6.2.12. Have access to learning resources such as e-learning programs and platforms, web-based or other electronic media and current collection of literature on traditional medicine;
- 2.13. There are sufficient and relevant books, e-journals and other learning materials.
- 6.2.14. There is provision for technology and professional support services for hardware and software technical personnel employed;
- 6.2.15. There are qualified staff to manage ICT facilities and services available.

#### **Research and development**

- 6.2.16. The institute promotes research and development activities both by the faculty and students;
- 6.2.17. Interaction between research and learning is reflected in the curriculum, influences current teaching, and encourages and prepares students for engagement in research, scholarship and development;
- 6.2.18. Reviews periodically its research resources and facilities and take appropriate action to enhance its research capabilities and to promote a conducive research environment;
- 6.2.19. Meets the needs of teaching, learning college wide communications, research and operational systems.

#### Educational expertise

- 6.2.20. There is a clear policy on the use of educational expertise in curriculum with access to educational expertise;
- 6.2.21. There is a system to develop teaching-learning and assessment methods;
- 6.2.22. There is evidence to demonstrate the use of in-house or external educational expertise in staff development.

#### Educational exchanges

- 6.2.23. Formulates and implements a policy for national and international collaboration with other educational institutions, including staff and student mobility, and transfer of educational credits;
- 6.2.24. Encourages provision of scholarship and has documented understanding for the student exchange program;
- 6.2.25. Formulates and implements a policy that fosters traditional medicine research;
- 6.2.26. Describes the research facilities and priorities at the institution.

#### Financial resources

- 6.2.27. There is financial viability and sustainability for the programme;
- 6.2.28. There is a clear procedure to ensure that its financial resources are sufficient and managed efficiently;
- 6.2.29. There is a clear line of responsibility and authority for resourcing the curriculum, including a dedicated educational budget;
- 6.2.30. There is a clear procedure to ensure its financial resources are sufficient for the implementation of the curriculum and distribute the educational resources in relation to the educational needs.

#### **Recreational facilities**

6.2.31. There are recreational facilities like playfields, gym, meditation center, prayer hall, infirmary etc.

#### Annexure 1 - CHECKLIST FOR STANDARD VI: RESOURCES

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Date of Assessment:

Name of the institute / college: .....

Address: .....

Sl. No.	Items	No. of required (upto 50 admission)	Yes	No	Remarks
	A. Physical F	acilities			
1.	Administrative block	1			
2.	Offices(equipped with table, chair & computer)	As required			
3.	Conference hall	1			
4.	Examination hall	1			
5.	Multipurpose hall	1			
6.	<ul> <li>Lecture and tutorial room equipped with blackboard/white board/LCD projector, desk, table and chairs</li> <li>Area as per standard</li> </ul>	As required			
7.	<ul> <li>Hostel</li> <li>Separate hostel for boys and girls with toilet and bathroom facilities</li> <li>Hygienic kitchen with adequate sitting arrangement</li> </ul>	As required			
8.	Are there recreational facilities including outdoor sports?				
	B. Clinical trainin	ng resources			
1.	Has the institute identified teaching hospitals, primary healthcare centers and other hospitals for specialized training?				

		, , , , , , , , , , , , , , , , , , , ,	
2.	Has the institute kept necessary resources in place for students to have adequate clinical experience		
	<ol> <li>adequate number and categories of patients</li> </ol>		
	2. clinical training facilities		
	3. supervision of their clinical field		
	4. Field center for identification of high and low altitude medicinal plants		
	C. Information	Technology	
1.	Is there access to ICT facilities including computer and electronic facilities ?		
2	Is there a reliable Internet connection?		
3.	Is there access to e-learning programs and platforms, web-based or other electronic media for faculty and students?		
4.	Are there electronic books, online learning materials and e-journals for references and as study materials?		
5.	Is there ICT support service and ICT professionals?		
	D. Research and I	Development	
1.	Is there any record of research and development activities undertaken by both faculty and students?		
2.	Are research resources and facilities reviewed periodically to promote a conducive research environment?		
		· · · · · · · · · · · · · · · · · · ·	
3.	Is there a facility in the institute to meet the needs of teaching-learning college- wide communications, research and operational system?		

	E. Educational	Expertise
1.	Is there a clear policy on the use of educational expertise in curriculum with access to educational expertise?	
2.	Is there a system in place to develop teaching-learning and assessment methods?	
3.	Is there evidence to demonstrate the use of in-house or external educational expertise in staff development?	
4.	Does the institute have access to educational expertise when required?	
	F. Educational	exchanges
1.	Does the institute have a policy for international collaboration with other educational institutions, including staff and student mobility and transfer of educational credits?	
2.	Is there in place a provision of scholarship and have maintained	
	documented understanding of the student exchange program?	
3.	Is there a policy or plan to foster the relationship between medical research and educational exchange programs?	
	G. Financial r	esources
1.	Is there financial viability and sustainability for the programme?	
2.	Is there clear procedures to ensure that its financial resources are sufficient and managed efficiently?	
3	Is there a clear line of responsibility and authority for resourcing the curriculum, including a dedicated educational budget?	

4.	Is there a clear procedure to ensure its financial resources are sufficiently located for implementation of the curriculum and address educational needs?			
	H. Educational	Resources		
1.	Is there a library (furnished with recent editions of relevant books; local and international journals) relevant to the individual programme?			
2.	Is the library equipped with a comfortable sitting arrangement for users with proper lightning and ventilation?			
3.	Are there printing, copying and binding facilities?			

(Name & Signature of Evaluator)

#### Annexure 2 - CHECKLIST FOR STANDARD VI: RESOURCES

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Date of Assessment:

Name of the institute/college: .....

Address:

SI.No	Item	Qty. Required up to 50 Admission	Yes	No	Remarks
	oe Rabjam rastructure			-	
1.	Examination Room	1			Liaise with Teaching hospital
2.	Urinalysis Room	1			
3.	Zhiney Room	1			Liaise with Teaching hospital
4	Museum	1			
B. Equ	ipment	· · ·		•	•
1.	Racks	As Required			
2.	Thangka	As Required			
3.	Beds	2 nos.			
4.	Screens	2 nos.			
5.	Magnifying glass	2 nos.			
6.	Stethoscopes	5 nos.			
7.	Sphygmomanometer (Dial type)	5 nos.			
8.	Instant boiler	1 no.			
C. Pra	ctical Equipment			7	
1.	LCD projector	1 no.			
2.	Computer with internet facilities	1 no.			

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D. Inst	ruments		
1.	Thermometers	3 nos.	
2.	Test tubes	5 nos.	
3.	Torch	2 nos.	
4.	Test tube Holder	5 nos.	
5.	Ceramic Bowl	5 nos.	
6.	White Chopsticks	4 nos.	
7.	Beaker	4 nos.	
E. Pra	ctical instruments		
1.	Skeletons articulated	1	
2.	Bones (Dis-articulated sets)	1 set	
3.	Whole body systemic model	1 model for each system	
4.	Charts, Diagrams	As required	
5.	Anatomy video DVD (each system )	1 CD for each system	
6.	Dummy (Mannequin)	2 nos.	
F. Cons	sumables		
1.	Beds	2 nos.	
2.	Bedsheets	4 nos.	
3.	Pillow	2 nos.	
4.	Pillow Cases	4 nos.	
5.	Blankets	2 nos.	
6.	Uricol	As required	
7.	Disposable tongue depressor	As required	
8.	Disposable gloves	As required	
9.	Disposable Mask	As required	

Date of Assessment: Name of the institute/college: .....

......

Address: .....

SI.No	Item	Qty. Required up to 50 Admission	Yes	No	Remarks
Jamt	sub Rabjam				
A. In	frastructure				
1.	Examination Room	1			Liaise with Teaching hospita
2.	Urinalysis Room	1			
3.	Zheney Hall	1			Liaise with Teaching hospita
4.	Tshubched Therapy service Room	4			Liaise with Teaching hospita
B. Ec	luipment				
1.	Racks	As Required			
2.	Thangka	As Required			
3.	Beds	2 nos.			
4.	Screens	2 nos.			
5.	Magnifying glass	5 nos.			
6.	Instant boiler	1 no.			
7.	Cooking pots	As required			
8.	Electronic / gas stove	1 no.	ĺ		
9.	Thangka	As required			
10.	Ser-khap	1 no.			
11.	Ngul-khab	1 no.			
12.	Wax heating pot (pot to heat tilnum)	1 no.			
13.	Steaming set	1 no.			
14.	Massage bed	4 nos.			

15.	Thrulkhor (Affusion )	-	liaise with teaching hospital
16.	Steam steriliser	1 no.	
17.	Chulum and langlum set	As required	
18.	LCD projector	1 no.	
19.	Computer with internet facilities	1 no.	
C. In	struments	1	
1.	Thermometers	5 nos.	
2.	Test tubes	5 nos.	
3.	Torch	2 nos.	
4.	Test tube Holder	5 nos.	
5.	Ceramic Bowl	5 nos.	
6.	White Chopsticks	4 nos.	
7.	Beaker	4 nos.	
8.	Spirit	As required	
9.	Spirit lamp/ Bunsen burner	As required	
10.	Feather shape blade (Juewi-Drodra)	As required	
11.	Scalpel blades size 11, 15	As required	
12.	Tshukrig	As required	
13.	Brass and glass Bumpa (Cupping) Different size	1 set	
14.	Brass Horn (Rabjib)	2 nos.	
15.	Catheter size 18	3 nos.	
16.	Syringe 50ml	2 no	
17.	Kidney tray	As required	
18.	Scissors	1 no.	
D. P	ractical instruments	· ·	
1.	Skeletons articulated	1	

2.	Bones (Dis-articulated sets)	1 set	
3.	Whole body systemic model	1 model for each system	
4.	Charts, Diagrams	as required	
5.	Anatomy video DVD ( each system )	1 CD for each system	
6.	Dummy (Mannequin)	2 no	
E. Co	onsumables		
1.	Beds	2 nos.	
2.	Bedsheets	4 nos.	
3.	Pillow	2 nos.	
4.	Pillow Cases	4 nos.	
5.	Blankets	2 nos.	
6.	Uricol	As required	
7.	Disposable tongue depressor	As required	
8.	Disposable sterile gloves	As required	
9.	Disposable Mask	As required	
10.	Spirit	As required	
11.	Match box/ Lighter	As required	
12.	Trawa	As required	
13.	Gonyed ball	1 packets	
14.	Tilnum	As required	
15.	Cotton and gauze	As required	
16.	Gacha	As required	
17.	Deyshog	As required	
18.	Tourniquet	As required	
19.	Measuring thread	As required	
20.	Bleaching powder	As required	

21.	Povidone Iodine	As required			
22.	White muslin cloth	As required			
23.	Due-tse-nga-lum	As required			
24.	Bandage	As required			
25.	Tsa-Num (can be replaced by tilnum)	As required			
26.	Na-sMen	As required			
27.	Mackintosh	10 no			
28	Draw sheet	10 no			
D. Inf	D. Infection control equipment				
1	Autoclave	2			
2	Stainless steel bowel	4			

(Name & Signature of Evaluator)

Date of Assessment: ..... Name of the institute/college: .....

Address: .....

SI.No	Item	Qty. Required up to 50 Admission	Yes	No	Remarks
Layı	nga Rabjam				
A. Iı	ıfrastructure			,	
1.	Examination Room	1			
2.	Jamched Therapy service Room	8			Liaise with Teaching Hospital
3.	Laynga Therapy service Room	5			Liaise with Teaching Hospital
4.	Zheney hall	-			Liaise with Teaching Hospital
B. Ec	quipment			•	
1.	Racks	As Required			
2.	Thangka	As Required			
3.	Beds	2 nos.			
4.	Screens	2 nos.			
5.	Stethoscope	5 nos.			
6.	Sphygmomanometer (Dial type)	5nos.			
7.	Instant boiler	1 no.			
8.	Mortar and pestle	3 nos.			
9.	Cooking pots	As required			
10.	Electronic / gas stove	2 nos.		1	
11.	Wax heating pot (pot to heat tilnum)	1 no			
12.	Steaming set	1 no			
13.	Massage bed	1 no		1	
14.	Steam steriliser	1 no		1	
15.	Chulum and langlum set	As required		1	
16.	Na-jong (nasya karma)	1 sets		1	

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17.	Shelchuk		liaise with teaching hospital			
C. Practical Equipment						
1.	LCD projector	1 no.				
2.	Computer with internet facilities	1 no.				
D. In	D. Instruments					
1.	Thermometers	3 nos.				
2.	Jar	As required				
3.	Buckets	5 nos.				
4.	Digital weighing machine	2 nos.				
5.	Spirit	As required				
6.	Kidney tray	As required				
7.	Scissors	1 no				
8.	Nasal dropper	As required				
9.	Rectal Catheter	1 set				
10.	Enema can	1 no				
E. Pr	actical instruments		· · ·			
1.	Skeletons articulated	1				
2.	Bones (Dis-articulated sets)	1 set				
3.	Whole body systemic model	1 model for each system				
4.	Charts, Diagrams	as required				
5.	Anatomy video DVD (each system)	1 CD for each system				
6.	Dummy (Mannequin)	2 no				
7.	Beds	2 nos.				
8.	Bedsheets	4 nos.				
9.	Pillow	2 nos.				
10.	Pillow Cases	4 nos.				
11.	Blankets	2 nos.				
12.	Disposable gloves	As required				

13.	Disposable Mask	As required			
14.	Raw materials (herbal ingredients)	As required			
15.	Cotton and gauze	As required			
16.	Bleaching powder	As required			
		-			
17.	PovidoneIodine	As required			
18.	White muslin cloth	As required			
19.	Due-tse-nga-lum	As required			
20.	Bandage	As required			
21.	Tsa-Num (can be replaced by tilnum)	As required			
22.	Na-sMen	As required			
23.	Jamtse and Neruha medicine components	As required			
24.	Mackintosh	1 no.			
25.	Draw sheet	10 nos.			
26.	Raw materials (herbal ingredients)	As required			
27.	Jar	As required			
28.	Compass	5 nos.			
29.	Cooking pots	As required			
30.	Electronic / gas stove	2 nos.			
31.	Buckets	3 nos.			
E. Infection control equipment					
1	Autoclave	2			
2	Stainless steel bowel	4			

(Name & Signature of Evaluator)

#### STANDARD VII: PROGRAM EVALUATION AND QUALITY ASSURANCE

The standard sets the requirements for the program evaluation and quality assurance. The training institution should have stipulated policies and procedures to monitor the quality and effectiveness of its program and operations. This should be organized through relevant committees and boards.

#### 7.1. Objective

To have an adequate evaluation and quality assurance system in place to ensure continuous improvement and quality of the training program.

#### 7.2. Quality Indicators

- 7.2.1. There is a written policy for a systematic and continuous program evaluation and improvement of the quality of education;
- 7.2.2. There is a Quality Assurance Unit/Committee with clear terms of references designated for internal auditing and monitoring of the program;
- 7.2.3. There is a written record of plans for evaluation of the program's purposes and outcomes;
- 7.2.4. There is a documented disaster contingency plan in place?
- 7.2.5. There is a record of analysis and implementation of improvement plans including communication to relevant regulatory bodies.

#### Annexure 1: CHECKLIST FOR STANDARD VII: PROGRAMME EFFECTIVENESS AND QUALITY IMPROVEMENT

#### **Direction:**

*Assess the available resources, put tick*  $(\sqrt{})$  *in the appropriate column.* 

Date of Assessment: ..... Name of the institute / college: ....

#### Address:

Sl. No.	Items	Yes	No	Remarks
1.	Is there a written policy (SOP/Manual/ Guidelines) in place for evaluation and continuous improvement of programmes?			
2.	Quality Assurance Unit/Committee			
2.1	Is there a designated Quality Assurance Unit/Committee in the institute?			
2.2.	Is there TOR for Quality Assurance Officials?			
3.	Is there evidence of plans for evaluation of the programme's purposes and outcomes;?			
4.	Is there a documented disaster contingency plan in place?			
5.	Analysis and implementation of improvement plans including communication to relevant regulatory bodies.			
5.1	Is there a report of feedback from relevant stakeholders?			
5.2	Is there a process for peer evaluation?			
5.3	Is there a corrective action and preventive action plan in place?			
5.4	Is there a self-assessment report?			
5.6	Is there an external monitoring and evaluation report available?			

(Name & Signature of Evaluator) (Name & Signature of Representative of institute)

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#### **VISION OF BMHC**

EXCELLENCE IN REGULATION OF EDUCATION, QUALIFICATION AND PRACTICE OF MEDICAL AND HEALTH PROFESSIONALS