

K M Patel Institute of Physiotherapy
w.e.f. from 2026 onwards



Vision

Bhaikaka University will be the most preferred destination for transformative educators, and also students who will become change leaders to make a significant impact in the society.

Mission

Bhaikaka University will

- Provide the students with contextual and experiential learning so that they become professionals who will be critical thinkers, innovators, and insightful decision makers.
- Develop organizational culture of collaboration and engage transformative learner sensitive educators to promote excellence in education, research and services.
- Support collaborative, problem solving interdisciplinary research influencing national policies and programs.
- Offer accessible, rationale and affordable comprehensive health care services to diverse communities for wider societal support.

**The syllabus has been approved by Ministry of Health & Family Welfare (2025).*

Regulations for conduct of Master of Physiotherapy Program (MPT)

Discipline	Physiotherapy
Program	Master of Physiotherapy [MPT]
Course	All Professional Years
Duration	2 years
Last Revised	Adapted from NCAHP with effect from 2026

NOTIFICATION

Subject: Regulations pertaining to Master of Physiotherapy [MPT] Program

In exercise of the powers conferred under *15 [b] [i] [7]* of First Statutes of Bhaikaka University framed under The Gujarat Private Universities Act, 2009, the Academic Council in its 12th Meeting held on 26th February, 2026 under the Agenda item *No. 26.01.08* is pleased to approve the Regulations for Annual Scheme pertaining to Master of Physiotherapy [MPT] Program in Bhaikaka University. The Regulations and curriculum shall come into force from the Academic Year 2026-27.

**By Order,
REGISTRAR**

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Curriculum - MASTER OF PHYSIOTHERAPY [M.P.T]

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1. Eligibility for admission:

1.1. Selection procedure:

1. Candidates must have passed Bachelor of Physiotherapy (B.PT) on regular mode from recognised university.
2. He/she has to furnish at the time of submission of application form, a certificate of physical fitness from a registered medical practitioner and two references from persons other than relatives testifying to satisfactory general character.
3.
 - a) Admission on the basis of entrance exams by respective University.
 - b) Post Graduate entrance criteria requires to be compulsory registered member of National Commission for Allied and Healthcare Professions (NCAHP).
 - c) During subsequent counseling (s) the seat will be allotted as per the merit of the candidate depending on the availability of seats on that particular day.
 - d) Candidate who fails to attend the Medical Examination/ physical fitness on the notified date(s) will forfeit the claim for admission.
4. Medical fitness certificate is mandatory to submit and it is to be endorsed by Government medical officer.
5. Reservation policy for admission in post graduate programs shall be as per the State/Centre Government norms.
6. Foreign students' admission process in Post Graduation (PG):
 - i. Foreign national students intending to study PG program in India, shall have to take equivalence certificate of eligibility certificate from respective State Allied and Healthcare Council.
 - ii. Admission of foreign national students, merit list will be based on University Entrance Exam.
 - iii. Verification of Valid Visa and valid Visa duration of foreign national students, to be verified by respective institution & University before enrolling students for program
7. Admission process shall be conducted by State/Union Territory/University. Medical fitness certificate is mandatory to submit and it is to be endorsed by Government medical officer. Reservation policy for admission in diploma/under graduate/post graduate/PhD programs shall be as per the State/Centre Government norms.

2. Duration of the course

Duration of the course: 2 Years. Total minimum hours – 3240

3. Medium of instruction:

English shall be the medium of instruction for all the subjects of study and for examination of the course.

4. Attendance:

A candidate will be permitted to appear for the University Examination if he / she secures not less than 85% of attendance in the number of instructional days/ practical at hospitals during the calendar year, failing which he / she should complete the number of days/hours and undergo the next year/final examination conducted by the university.

5. Methods of training

The training of the MPT student shall be conducted on a full-time basis, with progressively increasing responsibilities in the management and treatment of patients assigned to their care. Acquisition of practical competencies being the keystone of post graduate education, the training should be skills oriented. Learning in post graduate programme should be essentially self-directed and primarily emanating from clinical and academic work. The formal sessions are merely meant to supplement this core effort. Participation of all the students in all facets of educational process is essential and each candidate should take part in seminars, group discussions, clinical rounds, case presentations, clinics, journal review meetings and continuous professional education (CPE). Training should also include involvement in clinical research studies and every Masters' candidate should be engaged in the teaching and training programs of undergraduate Physiotherapy students.

6. Formal teaching sessions [minimum]

Master's candidate should be subjected to at least 4-hrs of formal teaching per week per subject. The departments may select a mix of the following sessions:

Journal club once a week Seminar;

Lecture twice a week

Case discussions twice a week

Interdepartmental case or seminar once a week

7. Assessment

It is essential to monitor the learning progress of each Master's candidate through continuous appraisal and regular assessments. It not only helps teachers to evaluate the students, but also students to evaluate themselves. The monitoring is done by the staff of the department, based on participation of students in various teaching / learning activities. The assessment may be structured using checklists that assess various aspects of competencies. Also stated in 5.15.

8. Log book

- 8.1. Every candidate shall maintain a log book and record his/her participation in the training programs conducted by the department such as journal reviews, seminars etc. Candidates must also record research presentations and details of clinical research studies, if any.
- 8.2. The log book shall be scrutinized and certified by the Head of the Department (HoD) and Head of the Institution and presented in the university examination.

9. Periodic tests

1. The College may conduct periodic tests based on the pattern of university examination. Such tests may include written theory papers, practical, viva voce and clinical assessment. Records and marks obtained in such tests will be maintained by the HoD and shall be produced as and when called for.

2. The assessment will be a combination of formative and summative assessments-
 - i. Theory, inter-departmental meeting
 - ii. Practical- clinical rounds and bed side evaluation and application.
 - iii. Teaching Activities – UG Teaching
 - iv. Learning Activities: Self Learning, use of computers and library
 - v. Participation in departmental activities;
 - a. Journal review meetings
 - b. Seminars
 - c. Clinical presentation
 - d. Special clinics
 - e. Inter departmental meetings
 - f. Community work, camps / field visits
 - g. Clinical rounds
 - h. Dissertation work
 - vi. Participation in conferences/ presentation of paper -Minimum 2 in two years
 - vii. Any other – Specify (eg: CPE)
 - viii. Rotation and posting in other departments for a maximum of 6 months the candidate must spend 18 months in the department of specialty concerned

10. Graded responsibility in the care of patients and operative work (Structured training schedule of clinical and elective subjects only)

Table 1: Graded responsibility in the care of patients and operative work

Category	I year MPT	II year MPT
O	20 Cases	20 Cases
A	20 Cases	30 Cases
PA	100 Cases	75 Cases
PI	25 Cases	50 Cases

Key: O – Observes

A – Assists a senior Physiotherapist

PA – Performs procedure under the direct supervision of a senior specialist.

PI – Performs Independently

11. Intake of Students

The PG teacher/ guide to student's ratio shall be 1:3 for admission in M.P.T. first year and cannot be increased in any case. The guide should be of the same specialty stream. The intake of students to the course shall be at the starting of academic year only.

Maximum 24 students can be admitted per academic year in an institution.

12. Guide

1. To be recognized as a guide, one must have a minimum of 5 years' of teaching experience after post-graduation as a lecturer/assistant professor.
2. Guide should be of the same elective/ specialty stream as of student.
3. **Change of Guide:** In the event of registered guide being unavailable for any reason, the guide for the concerned students may be changed with prior permission from the university as per the following guidelines

Students cannot be left without a guide for more than 3 months in total during their post-graduation study (i.e. in the event of resignation of guide, the college should appoint a guide within 3 months)

13. For student benefit, services of **visiting faculty** can be utilized, but these faculty members will not be counted in the PG teachers

14. Assessment:

1. **FORMATIVE ASSESSMENT:** Formative assessment should be continuous and should assess clinical knowledge, patient care, procedural and academic skills, interpersonal skills, professionalism, self-directed learning and ability to practice in the system. Quarterly assessment during the MPT training shall be done by the faculty members of the department based on:
 - i. Journal based / recent advances learning
 - ii. Patient based /Laboratory or Skill based learning
 - iii. Self-directed learning and teaching
 - iv. Departmental and interdepartmental learning activity
 - v. External and Outreach Activities. The assessment may be structured using checklists that assess various aspects of competencies.

2. SUMMATIVE ASSESSMENT

Theory Examination: Clinical / Practical and viva voce Examination: All examiners shall be recognized post graduate teachers. At least 50 % of total examiners shall be externals. (from Other universities)

- i. **Dissertation** Thesis shall be submitted at least three months before the Theory and Clinical / Practical examination. The thesis shall be examined by a panel of three examiners; one internal and two external examiners, who shall also be the examiners of Clinical examination.
- ii. **Practical examination** shall be conducted at the end of second year by a panel of 3 examiners out of which two should be from other institutions and one of these two must be from outside the State. Practical examination should be conducted in two days:
 - a. On day one- clinical examination (OSCE and OSPE), should be conducted.
 - b. On second day dissertation should be examined along with teaching skills and viva voce. Student shall make a 15-minute presentation of the dissertation followed by 10- minute question and answer session by the examiners.
- iii. Marks to be awarded separately by each examiner and an average shall be taken as the final marks awarded to the student in both practical as well as dissertation

15. Examiners:

A Postgraduate Physiotherapy examiner should be a recognized PG teacher of same elective/ specialty.

16. Essential Requirements for MPT Institution

All existing Physiotherapy colleges/ institute will continue to impart Physiotherapy education provided that following conditions are fulfilled: (Also refer Annexure 2 and 3)

1. Eligibility : Any government /Private/ Self Financing Educational Trust/Charitable Trust/Society/Company registered under the relevant Act; applicant will be eligible to apply.
 - a. College should be running BPT programme for last 5 years with atleast one batch of BPT students having graduated from the institute.

2. Physical infrastructure

Whole campus should be accessible for persons with disabilities.

3. Administrative Office Land and space requirement

There shall be no separate land required for starting MPT course subject to fulfillment of eligibility criteria to start the MPT program. However, the essential requirements in terms of physical infrastructure, Manpower as given below must be furnished

a. Rooms for faculty [per specialty]

Professor 1

Associate professor 1

Assistant professor 2

b. Common room for students

- c. Toilets for men
- d. Toilet for women
- e. Classroom - 02 rooms of 400 sq.ft. (each).
- f. Laboratory - each specialty lab shall have area of 800 sq.ft. area: The laboratories should be provided with the mandatory equipment as specified under equipment requirements of specialties as mentioned in Annexure 2 and 3.
- g. Standalone MPT institute must have Exercise therapy/ Kinesiotherapy Lab and Electrotherapy Lab (with atleast one equipment of each category as mentioned for BPT Program)

4. Library:

In addition to books requirement for undergraduate teaching additional adequate reference books to cater to the post graduate studies should be provided. Minimum 5 indexed international journals should be provided for with additional journal in each elective area/specialty. In addition, reference books, Audio visual facility, Slide projector, Computer, Internet facility is to be provided.

5. Clinical Facilities:

If the course is in the premises of NMC permitted/recognized Medical College as constituent college, there is no requirement for attachment of any other hospital or else Memorandum of Understanding for clinical training should be made with specialty hospitals having the specialty of Musculoskeletal/ Trauma Units, Neurology/ Neurosurgery, Cardio Pulmonary unit with intensive care facilities, paediatrics, Community Physiotherapy and Sports unit. In either case each teaching unit shall accommodate 6 PG students only. Both training on in-door as well as outdoor patients should be provided for.

6. Human resource requirement Teaching Faculty per specialty:

1. Staff Requirement (Faculty to student ratio)

Professor 1:3

Assoc Prof 1:2

Asst prof 1:2

2. Requirement : Professor 1, Associate professor 1, Assistant professor 2

3. Services of visiting faculty can be utilized, but these faculty members will not be counted in the PG teachers and they cannot register candidates

4. Non-teaching staff

Office superintendent/ assistant 1

Computer operator 1

Lab assistant / demonstrator - BPT 1

17. Proposed Paper Style: MPT

1. Theory paper : Duration: 3 Hours , Total Marks: 100

Table 2 : Type of Theory question paper and Question type for M.P.T and Marking scheme

Sl. No.	No. of Questions	Question Type	Marks
1	1	Long Answer	1 x 20 = 20
2	1	Long Answer	1 x 20 = 20
3	1	Long Answer	1 x 20 = 20
4	1	Long Answer	1 x 20 = 20
5	1	Long Answer	1 x 20 = 20
Total			100

2. University Practical Exam: Total marks = 450

Table 3 : Practical Exam Scheme and marks distribution for M.P.T

Sl. No.	Exams	Marks
1	ONE Clinical case presentation-Major Elective	1 x 150=150
2	TWO Clinical Presentation -Minor Elective	2 x 75 = 150
3	OSPE/OSCE	100
4	Dissertation Presentation	50
Total		450

