

जामिया मिल्लिया इस्लामिया

(केन्द्रीय विश्वविद्यालय) (नैक प्रत्यायित 'A++' ग्रेड)
मौलाना मोहम्मद अली जौहर मार्ग, जामिया नगर, नई दिल्ली-११००२५

JAMIA MILLIA ISLAMIA

(A Central University) (NAAC Accredited 'A++' Grade)

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कुलसचिव कार्यालय

Office of the Registrar

دفتر مسجل

C&O-5(7)/RO/2026

25th August, 2026

NOTIFICATION

The Executive Council, JMI, in its meeting held on 30.06.2026 vide item No. 14, on the recommendations of the Academic Council in its meeting held on 23.06.2026 vide item No. 07, has approved the revised Ordinance governing the Master of Physiotherapy (MPT) and Bachelor of Physiotherapy (BPT) programmes of the Centre for Physiotherapy and Rehabilitation Sciences.

The approved revised Ordinance for Master of Physiotherapy (MPT) programme shall be appended at the end of the Ordinance 15-A (XV-A) (Academic) 'University Examinations in Post-Graduate (PG) Programmes under NEP-2020' and the revised Ordinance for Bachelor of Physiotherapy (BPT) programme shall be replaced with the existing contents of 'Bachelor in Physiotherapy' in the Ordinance 15-E (XV-E) (Academic) 'University Examinations in Certificate / Diploma / Advanced Diploma / P.G. Diploma / Diploma in Engineering (Day & Evening) / Bachelor of Engineering (Evening) Programmes / Bachelor in Physiotherapy Programmes' respectively and will be implemented in the University with immediate effect.

3

(Prof. Md. Mahtab Alam Rizvi)

Registrar

Encl: As above.

Copy to:

1. All Deans of Faculties/DSW/HoDs/Directors of Centres, JMI
2. The Controller of Examinations, JMI
3. The Offg. Director, FTK CIT, JMI - with the request to kindly arrange for the above Notification to be uploaded on the University's website, and be incorporated in the existing Ordinances of Master of Physiotherapy (MPT) and Bachelor of Physiotherapy (BPT) programmes in the Ordinance 15-A (XV-A) (Academic) 'University Examinations in Post-Graduate (PG) Programmes under NEP-2020' and Ordinance 15-E (XV-E) (Academic) 'University Examinations in Certificate / Diploma / Advanced Diploma / P.G. Diploma / Diploma in Engineering (Day & Evening) / Bachelor of Engineering (Evening) Programmes / Bachelor in Physiotherapy Programmes' already available on the University's website.
4. The Secretary to the Vice-Chancellor, JMI
5. The Secretary to the Registrar, JMI
6. Concerned File/folder

Dr.

(Dr. Shivendra Prasad)
Deputy Registrar (C&O)

Dr.

**SYLLABUS AND BYELAWS GOVERNING
MASTER OF PHYSIOTHERAPY PROGRAMME**

MPT

(I-II YEARS)

(2026-2027)



**CENTRE FOR PHYSIOTHERAPY AND REHABILITATION
SCIENCES**

JAMIA MILLIA ISLAMIA

(A CENTRAL UNIVERSITY)

NEW DELHI-110025

The curriculum and syllabus of the Master of Physiotherapy is designed as per the regulatory framework of National Commission of Allied and Healthcare Professions (NCAHP). The programme focuses on recent and advanced physiotherapy management of diverse health conditions. Research and evidence based patient care is an integral component of training. The programme also focuses on the training of students for teaching methodologies and management skills.

Master of Physiotherapy [M.P.T]

1. About the MPT Programme

The Master of Physiotherapy (MPT) shall be a regular full-time postgraduate programme. The total duration of the programme shall be two years, consisting of academic learning, clinical postings, seminars, journal clubs, case presentations, and a mandatory dissertation/research project. The programme emphasizes advanced clinical skills, evidence-based practice, and specialty-focused training in the selected area of physiotherapy.

1.0 Introduction:

The Master's program in Physiotherapy is designed to provide advanced education and specialized training in the field of physiotherapy. The program aims to produce highly competent practitioners capable of addressing the diverse and evolving healthcare needs of the population. This comprehensive program combines in-depth theoretical knowledge with extensive practical skills, focusing on evidence-based practice, clinical reasoning and research methodologies in various specialties such as musculoskeletal science, neuroscience, cardio-pulmonary science, sports science, paediatrics and neonatal science, obstetrics and gynaecological science, oncology, community physiotherapy and many more as the profession evolves.

On successful completion of M.P.T programme, the Physiotherapist will be able to practice in his / her specialty area with advanced knowledge and skills, take up physiotherapy teaching assignments independently for undergraduate teaching programme, as well as will be able to design and undertake research (using sound data processing techniques and statistical methods) independently in the field of physiotherapy. The following courses shall be offered under the MPT Programme:

1. Master of Physiotherapy in Sports Sciences
2. Master of Physiotherapy in Musculoskeletal Sciences
3. Master of Physiotherapy in Neurosciences
4. Master of Physiotherapy in Cardio-Pulmonary Sciences

1.1 Learning Objectives:

At the completion of this course, the student should be

- i. Able to execute all routine physiotherapeutic procedures based on evidence-based practice.
- ii. Able to apply advanced assessment techniques to identify and treat various conditions needing physiotherapeutic procedures.
- iii. Able to develop individualized treatment plans and implement advanced therapeutic techniques independently based on evidence-based practice and clinical guidelines.
- iv. Able to provide adequate knowledge about the treatment procedures and its benefit to patients, families and other healthcare professionals.
- v. Able to transfer knowledge and skills to students as well young professionals.
- vi. Able to design and undertake independent research studies.
- vii. Able to critically appraise and apply current research in clinical practice.
- viii. Able to apply multidisciplinary practice skills and be a prominent member of the team.
- ix. Able to practice and assess patient independently.
- x. Able to develop and apply leadership skills necessary for roles in clinical settings, academia and healthcare administration.

1.2 Expectation from the future post-graduate in the providing patient care

- i. Course work includes advanced knowledge and skills related to the respective branch of specialty.
- ii. Acquire in-depth knowledge of structure and function of human body related to the respective branch of specialty.
- iii. Acquire the in-depth knowledge of movement dysfunction of human body, cause thereof principles underlying the use of physiotherapeutic interventions for restoring movement dysfunction towards normalcy.
- iv. Demonstrate skills in Physical and Functional diagnosis pertaining to patient under his/her care.
- v. Demonstrate ability to critically appraise recent primary and secondary literature from journals and adopt diagnostic and therapeutic procedures based on it.
- vi. Perform independent research within the Centre and help the Centre and the team for treatment planning of the patient.
- vii. Engage in continuous professional development and lifelong learning to stay abreast with the advancement and new technology in the field. The professional should opt for continuous professional education credits offered by national and international institutes recognized by the NCAHP.
- viii. Demonstrate ability to make clinical decision (based on evaluation) regarding Physiotherapy strategy techniques and select appropriate outcome measures based on the comprehensive knowledge of specialty.
- ix. Demonstrate an expertise in evidence-based skill in the management disorders including movement dysfunction in concerned specialty.
- x. Demonstrate an expertise in health promotion, early identification and intervention for quality restoration of function.
- xi. Planning and implementation of treatment programme adequately and appropriately for all clinical conditions common as well as rare related to respective specialty in acute and chronic stage, Various situation and places related to the specialty
- xii. Demonstrate proficiency in creating awareness using newer technology, at various levels in community for healthcare and professional awareness.
- xiii. Demonstrate leadership, managerial, administrative and communication skills.
- xiv. Demonstrate the knowledge of legislation applicable to compensation for functional disability welfare schemes and rights of the disabled, laws related to industrial workers and disabled and appropriate certification.
- xv. Demonstrate proficiency in classroom and clinical teaching using newer and appropriate technology.

1.3 Eligibility for admission:

Selection procedure:

- i. No candidate shall be entitled to claim admission as a matter of right.
- ii. He/she has passed the Bachelor of Physiotherapy on regular mode, recognized by any recognized University with pass marks (50%).
- iii. He/she has to furnish at the time of submission of application form, a certificate of physical fitness from a registered medical practitioner.
- iv. Admission to Masters of Physiotherapy course shall be made on the basis of eligibility, and an entrance test to be conducted by JMI. No candidate will be admitted on any ground unless he/she has appeared in the admission test.
 - a) Entrance Test, to be conducted by the JMI as per the prescribed syllabus.
 - b) During subsequent counselling (s) the seat will be allotted as per JMI guidelines.
 - c) He/she has to furnish at the time of submission of application form, a certificate of Physical fitness from an **Authorized Medical Officer**. Candidate who fails to submit the certificate will forfeit the claim for admission.
 - d) Reservation policy of JMI will be applied on the total number of seats approved by NCAHP.
 - e) Candidates who have studied abroad and have passed the equivalent qualification as mentioned in ii. as determined by JMI/ NCAHP guidelines.
 - f) At the time of admission, every student shall be required to sign a declaration to the effect that he/she submits himself to the disciplinary jurisdiction of the Shaikhul-Jamia (Vice- Chancellor) and other authorities of the University.
 - g) There shall be no provision for reservation of seats for admission under the category of Kashmiri Migrants in the Master of Physiotherapy (MPT) programs.
 - h) As per the Eligibility criteria described in the latest NCAHP guidelines, candidate can take admission on disability quota for BPT program.

1.4 Re-admission

- i. A student of the 1st Year of any course who is detained due to shortage of attendance will no longer remain a student of the University. Such a student will have to seek re-admission.
- ii. If a student of 1st Year of any course who fails in the Annual Examination or who could not take the examination for reasons other than shortage of attendance may be allowed to appear as an Ex-Student in the consecutive Annual Examination.
- iii. A student of other than 1st Year, who has not taken the examination due to shortage of attendance, may be given re-admission in the said class of that course in the next consecutive Year. In case, the student fails to fulfil the requirement of attendance after being given re-admission, his/her admission shall stand cancelled.

1.5 Re-admission after break of Study

Procedure for re-admission of candidate will be followed as per JMI Guidelines.

1.6 Duration of the course:

Duration of the course: 2 Years of academic learning

1.7 Maximum Duration of the course:

The maximum duration to complete the programme shall be 4 years from the date of admission, inclusive of all examination attempts, dissertation submission and completion requirements.

1.8 Medium of Instruction:

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

1.9 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.

1.10 Formal Teaching sessions

A mix of the following sessions: Journal club; Seminar; Lecture; Case discussions; Interdepartmental case or seminar will be used for teaching and learning

1.11 Attendance

- i. A candidate has to secure minimum-
 - a. 75% attendance in theory and practical subjects for qualifying to appear for the final examination.
 - b. 85% in Clinical training for qualifying to appear for the final examination.
- ii. A student will be permitted to appear in the annual examination only after fulfilling all course requirements and achieving at least 75% attendance in theory, 75% in practical's, and 85% in clinical training in each subject.
- iii. Attendance of students admitted to the 1st year of any programme/course of study shall be counted from the date of admission in the respective classes.
- iv. Classes of the consecutive years shall commence from the 1st working day after the summer vacations and all students who have been/are likely to be promoted to the next year of the class will be deemed to have been given 'provisional' admission, even if the examination results of such students are awaited or they

have not completed their re-admission. The attendance of all such provisionally admitted students shall be counted from the 1st working day of the respective year.

- v. If a student passes the supplementary examination, his/her attendance shall be counted from the date of his/her provisional admission.

1.12 Logbook

- i. Every candidate shall maintain a logbook and record his/her participation in the clinical training and training programs conducted by the department such as journal reviews, seminars, workshops, conferences etc. Candidates must also record research presentations and details of clinical research studies, if any.
- ii. The logbook shall be scrutinized and certified and signed by the Director/approved authority and presented in the university examination.

1.13 Periodic Tests

- i. The centre 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 concerned teacher and shall be produced as and when called for.
- ii. The assessment will be a combination of formative and summative assessments-
 - a. Theory, Assignment, Presentation
 - b. Practical- hands on skill training, clinical rounds and bed side evaluation and application.
 - c. Teaching Activities – UG Teaching
 - d. Learning Activities: Self Learning, use of computers and library
 - e. Participation in departmental activities;
 - 1) Journal review meetings
 - 2) Seminars
 - 3) Clinical presentation
 - 4) Special clinics
 - 5) Inter departmental meetings
 - 6) Community work, camps / field visits
 - 7) Clinical rounds
 - 8) Dissertation work
 - 9) Participation in conferences/ presentation of paper -Minimum 2 in two years
 - f. Any other – from time to time as per JMI/NCAHP guidelines.

1.14 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:

- i. **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.
- ii. **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.
- iii. **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.
- iv. 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.

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

Table 1.1: 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

1.16 Guide

- i. 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.
- ii. Guide should be of the same elective/ specialty stream as of student.
- iii. 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 Centre as per the following guidelines
- iv. 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 Centre should appoint a guide within 3 months)

1.17 Pass Percentage

A candidate will be declared to have passed a course if he/she has secured the minimum percentage of marks in each of the courses, as specified hereunder:

- i. 50% in Internal Assessment,
- ii. 50% in Annual Examination,
- iii. 50% in the aggregate of Internal Assessment and Annual Examination.

1.18 Commencement of the course

The course shall commence as per JMI guidelines.

1.19 Commencement of examination:

University examinations will be conducted at the end of each academic year. However, two Examination in an academic year is essential and has to be conducted by the university, one Annual and one supplementary examination in an academic year.

1.20 Promotion Criteria

- i. A Candidate shall be declared to have passed the examination if he/she obtained not less than 50% of the marks in theory and practical papers separately.
- ii. Students can be permitted to next year only if the number of failed subjects is two or less than two and **Student must clear all the subjects before appearing for the final examination of next year.**

1.21 Review of answer papers of failed candidates

- i. As per the regulations prescribed for review of answer papers by the JMI guidelines.
- ii. Any candidate, intending to apply for re-evaluation of answer scripts (s) of any Course/Subject of his/her written Examination, may do so on the prescribed Application Form within 15 days from the date of issue of marks sheet.
- iii. The re-evaluation of scripts will not be allowed in more than one-third of written Papers of an Annual Examination.
- iv. Re-evaluation shall not be permitted in the Practical Examinations, Viva-Voice, Project Report/Field Work/Sessional/Internal Assessment and Dissertation, as also the answer scripts of any Examination, which have already been valued in full by joint Examiners/Board of Examiners.

1.22 Discharge from the program –

- i. “If a student admitted to a course of study in a University and for any reason not able to complete the course or qualify for the degree by passing the examinations prescribed within a period of four years prescribed in the Regulations for the concerned course, he/she will be discharged from the said course, his/her name will be taken off the rolls of the University and he/ she will not be permitted to attend classes or appear for any examination conducted by the University thereafter.”
- ii. “Notwithstanding anything contained in the foregoing, the students who fall in the category clause I above and who are in the final year of the respective courses be given one more last and final chance to appear for the University Examination with a condition that if they do not pass the examination even in their last chance, they shall be discharged from the course.

1.23 Migration/transfer of candidates-

Migration/transfers of candidates shall be done as per the latest JMI guidelines.

1.24 Scheme of Study

Calculation of credit for student (As per National Credit Framework)

One credit course in a year =

- i. Theory =15 hours
- ii. Practical/Clinical=30 hours
- iii. Field Work=45 hours

2.21 Postgraduate Physiotherapy examiner should be a recognized PG teacher of same specialty.

1.25 Scheme of Examination

- i. Regular periodic examinations shall be conducted throughout the course.
- ii. Learners must secure at least 50% marks in theory and practical separately assigned for internal assessment in a particular subject in order to be eligible for appearing at the final University examination of that subject.
- iii. The results of Internal Assessment should be displayed on the notice board before the university examination. Summative assessment consists of university examinations.

1.26 Credit and Grading and Transcript

1. Credit: A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
2. Credits will be assigned on the basis of the lectures (L) / tutorials (T) / Clinical Training (CR) / laboratory work (P) / Research Project (RP) and other forms of learning in a 15-20 week schedule

- i. L - One credit for one hour lecture per week (1 credit course = 15 hours)
- ii. P/T - One credit for every two hours of laboratory or practical (1 credit course = 30 hours)
- iii. CR - One credit for every three hours of Clinical training/Clinical rotation/posting (1 credit course = 45 hours)
- iv. RP - One credit for every two hours of Research Project per week – Max Credit 20- 25 (1 credit course = 30 hours)
- v. Credit Point: It is the product of grade point and number of credits for a course.
- vi. Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale.
- vii. Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

1.27 Marks equivalence table grades and Grades Points

Table 1.2: Equivalence Table for Marks, Grades and Grade Points

Letter Grade	Grade Point	Range of Marks *
O (Outstanding)	10	86-100
A+ (Excellent)	9	70-85
A (Very Good)	8	60 -69
B+ (Good)	7	55 -59
B (Average)	6	50- 54
C (Average)	5	45- 49
D (Below Average)	4	40 -44
Ab (Absent)		
NC- not completed	(F) FAIL: Below 50	

- i. A student getting 'C' or lower grade in any course in this discipline will be treated as having failed in that course and the weights of 'C' and lower Grades will not be counted in AGPA or CGPA
- ii. Annual Grade Point Average (AGPA): It is a measure of performance of work done in a year. It is ratio of total credit points secured by a student in various courses registered in a year and the total course credits taken during that year. It shall be expressed up to two decimal places.
- iii. Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student overall year. The CGPA is the ratio of total credit points secured by a student in various courses in all year and the sum of the total credits of all courses in all the year. It is expressed up to two decimal places.

iv. **Computation of AGPA and CGPA:** The following procedure should be used to compute the Annual Grade Point Average (AGPA) and Cumulative Grade Point Average (CGPA):

- a. The AGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{AGPA (Si)} = \sum(C_i \times G_i) / \sum C_i$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course. Format for Transcripts and Illustration of Computation of AGPA based on Total credits of a year is shown in Table 2.3

- b. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the years of a program, i.e.

$$\text{CGPA} = \sum(C_i \times S_i) / \sum C_i$$

where S_i is the AGPA of the i th years and C_i is the total number of credits in that year. Format for Transcripts and Illustration of Computation of CGPA based on AGPA and Credit of respective years is shown in Table 2.4

- c. The AGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Table 1.3: Illustration for Computation of (AGPA) Annual Grade Point Average

Course	Credit (C_i)	Grade letter	Grade point (G_i)	Credit Point = Credit (C_i)x Grade point (G_i)
Course 1	3		8	24
Course 2	4		7	28
Course 3	3		6	18
Course 4	3		10	30
Course 5	3		5	15
Course 6	4		6	24
Total	20			139
AGPA (S_i) = Credit points/Total credit		139/20 =6.95		

- iv. The CGPA shall be calculated as in Table 1.4, after deriving year wise AGPA and rounded off to 2 decimal points and reported in the transcripts.

Table 1.4: Illustration for Computation of Cumulative Grade Point Average (CGPA)

	Total credit	AGPA	AGPA X CREDIT	Credit points
Year 1	55	6.9	55 X 6.9 =	379.5
Year 2	56	7.8	56 X 7.8 =	436.8
Year 3	42	5.6	42 X 5.6 =	235.2
Year 4	45	6	45 X 6 =	270
Total	198			1321.5
CGPA = credit points/ total credit		1321.5 /198=6.67		
INTERNSHIP				
TOTAL	69			

1.28 Scheme of Study [Minimum Hours]

- i. Maximum Vacation: 30 days
- ii. Calculation of credit for student (As per National Credit Framework)
- iii. Calculation of credit for student (As per National Credit Framework)
 - i. Theory = 15 hours
 - ii. Practical / Clinical = 30 hours
- iv. Field work = 45 hours

SCHEME OF STUDY MASTER OF PHYSIOTHERAPY (M.P.T.)

First Year M.P.T Examination Scheme

First Year M.P.T Examination Scheme

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	M.P.T -101 Laws, Ethics, Administration Educational methodology (LEM)	20		80			100	90		90	6		6
2	M.P.T-102 Research methodology and biostatistics, EBP (RMB)	20		80			100	90		90	6		6
3	M.P.T - 103 Biomechanics & Therapeutics (BCT)	20		80			100	90		90	6		6
4	M.P.T -104 <i>Physical & Functional Diagnosis in the speciality.</i> Speciality paper-1	20	20	100	20	40	200	120	120	240	8	4	12
5	M.P.T-105 Skills acquisition and refinement (SAR-I)								240	240		8	8
		(Teaching Assignment, Seminars, journal club & Case Studies etc.)											

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
6	M.P.T-106 Clinical training (CT-I)								540	540		18	18
7	M.P.T-107 Dissertation (DSS-I)								240	240		8	8
	Grand Total						500	390	1140	1530	26	38	64

i.

N.B.-The [NUE] Subjects will on college level and students needs to pass the college level examination before appearing for the University Examination, But the marks will be counted with University Marks and will be added in the Scheme and Marks

Second Year M.P.T Examination Scheme

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	M.P.T-201 Exercise Physiology (EP)	20		80			100	90		90	6	0	6
2	M.P.T-202 <i>Specialty Paper 2</i>	20	20	80	20	40	200	120	120	240	8	4	12
3	M.P.T-203 <i>Specialty paper 3(Recent advances in the specialty)</i>	20	20	80	20	40	200	120	120	240	8	4	12

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
4	M.P.T-204 <i>Dissertation [spread over a period of 18 months] (DSS-II)</i>				100		100		720	720			24
5	M.P.T-205 Skills acquisition and refinement (SAR-II)								240	240		8	8
		(Teaching Assignment, Seminars, journal club & Case Studies etc.)											
6	M.P.T-206 Clinical training (CT-II)								540	540		18	18
	Grand Total						600	330	1740	2070	22	58	80

N.B.-

- Viva marks will be added in theory marks along with internal assessment theory; candidate have to get min. 50% marks in theory and viva collectively for passing the examination.
- The [NUE] Subjects will on college level and students needs to pass the college level examination before appearing for the University Examination, But the marks will be counted with University Marks and will be added in the Scheme and Marks Sheet given by university.

SYLLABUS AND BYELAWS GOVERNING

BACHELOR OF PHYSIOTHERAPY PROGRAMME

BPT

(I-IV YEARS)

(2026-2027)



**CENTRE FOR PHYSIOTHERAPY AND REHABILITATION
SCIENCES**

JAMIA MILLIA ISLAMIA
(A CENTRAL UNIVERSITY)

NEW DELHI-110025

The curriculum and syllabus of the Bachelor of Physiotherapy is designed as per the regulatory framework of National Commission of Allied and Healthcare Professions (NCAHP). The programme focuses on the basic medical sciences and physiotherapy management of different health conditions. Clinical training is an integral component of teaching to enhance the understanding about the patient care. In addition to the physiotherapy education the curriculum focuses on the skill development of the students with courses on communication and computer education.

Bachelor of Physiotherapy [B.P.T]

1. Introduction to Bachelor of Physiotherapy Curriculum:

The **Bachelor of Physiotherapy (BPT)** program is designed to provide foundational education and professional training in the field of physiotherapy. The program aims to produce competent and ethically responsible practitioners capable of addressing the diverse and evolving healthcare needs of the community. This comprehensive undergraduate program integrates fundamental medical sciences with physiotherapy-specific knowledge and practical skills, clinical reasoning, and the development of professional competencies.

On successful completion of the BPT program, the graduate physiotherapist will be able to apply scientific principles to assess, plan, and implement physiotherapy interventions for the prevention, treatment, and rehabilitation of physical dysfunctions. The graduate will also be capable of functioning as an independent practitioner or as a member of a multidisciplinary healthcare team, contributing effectively to clinical practice, health promotion, and community rehabilitation programs.

1.1 Nature of Program:

BPT (Bachelor of Physiotherapy) is a regular full-time program of five years, which includes four years of academic study and one year of compulsory internship.

1.2 Program outcomes:

As an independent practitioner, entry level Physiotherapy graduate will be able to

- i. Demonstrate competencies to provide quality care to the individuals and populations to optimize their movement, function, and quality of life.
- ii. Demonstrate competency to examine, assess, evaluate, treat and prescribe physiotherapeutic management of various disease, disorders and trauma conditions.
- iii. Promote health and implement strategies informed by best available research evidence to prevent and minimize impairments, activity limitations and participation restrictions caused due to various disorders.
- iv. Demonstrate the commitment to provide ethical care through high standards of professional practice.
- v. Demonstrate abilities to communicate effectively to augment therapeutic and professional relationships.
- vi. Demonstrate competency to prescribe and comprehend various diagnostic imaging, electrophysiological, haematological and bio- chemistry investigations for proper diagnosis, treatment or referral to other healthcare professionals
- vii. Demonstrate competencies to integrate best available research evidence in to clinical decision making and practice

- viii. Exhibits commitment towards continuous learning and scholarly activities.
- ix. Demonstrate abilities to work effectively with Healthcare team in providing patient centered care.
- x. Demonstrate abilities to manage self, time, resources and priorities to ensure safe, effective, and sustainable services.
- xi. Demonstrate competencies in quality assurance relevant to Physiotherapy practice.

1.3 Learning Objectives:

At the completion of this course, the student should be -

- i. Able to acquire the cognitive, affective and psychomotor skills deemed essential for completion of this program and to perform as a competent physiotherapist who will be able to examine, evaluate, diagnose, plan, execute and document Physiotherapy treatment independently or along with the multidisciplinary team.
- ii. Evaluate patients for impairments and functional limitations and able to execute all routine physiotherapeutic procedures as per the evaluation.
- iii. Able to operate and maintain Physiotherapy equipment used in treatment of patient, Physiotherapy treatment planning (both electrotherapy and exercise therapy) & procedures independently.
- iv. Able to provide patient education about promotion of health, prevention of disease and disorders and various physiotherapeutic interventions to the patient and care givers.
- v. Able to demonstrate all competencies to achieve the program outcomes.

1.4 Expectations from the future Physiotherapy graduates:

- i. The graduate will be a competent, skilled and reflective Physiotherapy practitioner who can work in a variety of settings with patients and clients of all ages and along the continuum of care, from wellness and prevention to management of dysfunction while remaining safe and effective and abiding by legal, ethical and professional standards of practice.
- ii. The graduate will utilize critical inquiry and evidence-based practice to make clinical decisions essential for autonomous practice.
- iii. The graduate will participate actively in professional and community organisations. The graduate will be a committed supporter of the advancement and promotion of community health.
- iv. The graduate will demonstrate lifelong commitment to learning and professional development.
- v. The graduate will adopt and adapt innovations, technology, research and critical thinking to keep pace with scientific advancements in Physiotherapy and associated fields.
- vi. The graduate will function as active member in trans-disciplinary and multidisciplinary applications.

- vii. Coursework entitles independent Physiotherapy assessment and treatment in any healthcare delivery centers in India by the graduates.
- viii. Course work will skill the graduate's physical/ functional diagnosis, treatment planning and management, administration of Physiotherapy treatment and for patient support.
- ix. Graduates can find employment opportunities in hospitals/nursing homes/sports teams/fitness centers/Community Rehabilitation /Health planning boards/health promotions services in both private and public sectors as well as in independent Physiotherapy clinics.
- x. Physiotherapy graduates are encouraged to pursue further qualification to attain senior positions in the professional field and also to keep abreast with the recent advances, new technology and research. The professional should opt for continuous professional education credits offered by national and international institute.

1.5 Eligibility and selection for admission

- i. No candidate shall be entitled to claim admission as a matter of right.
- ii. He/she must have passed the Higher Secondary (10+2) or equivalent examination by recognised any Indian board or a duly constituted Board or National Open School with pass marks with minimum 50% in physics, chemistry and biology separately in each subject.
- iii. No candidate will be admitted on any ground unless he/she has appeared in the NEET examination or as per latest NCAHP guidelines.
- iv. Admission to Bachelor of Physiotherapy course shall be made on the basis of eligibility and latest NCAHP guidelines.
- v. Candidates who have studied abroad and have passed the equivalent qualification as mentioned in ii. as determined by JMI/ NCAHP guidelines.
- vi. For he/she has completed 17 years of age at the time of admission or will complete that age on or before 31 December of the year of his/her admission to the first year of the Undergraduate Allied and Healthcare Course.
- vii. He/she has to furnish at the time of submission of application form, a certificate of Physical fitness from an **Authorized Medical Officer**. Candidate who fails to submit the certificate will forfeit the claim for admission.
- viii. Reservation policy for admission in BPT program shall be as per the JMI/ Central Government norms. However, admission criteria norms of NCAHP shall be adopted as prescribed.
- ix. At the time of admission, every student shall be required to sign a declaration to the effect that he/she submits himself to the disciplinary jurisdiction of the Shaikhul-Jamia (Vice-Chancellor) and other authorities of the University.
- x. As per the Eligibility criteria described in the latest NCAHP guidelines, candidate can take admission on disability quota for BPT program.

1.6 Re-admission:

- i. A student of the 1st Year of any course who is detained due to shortage of attendance will no longer remain a student of the University. Such a student will have to seek re-admission.
- ii. If a student of 1st Year of any course who fails in the Annual examination or who could not take the examination for reasons other than shortage of attendance may be allowed to appear as an Ex-Student in the consecutive Annual Examination.
- iii. A student of other than 1st Year, who has not taken the examination due to shortage of attendance, may be given re-admission in the said class of that course in the next consecutive Year. In case, the student fails to fulfil the requirement of attendance after being given re-admission, his/her admission shall stand cancelled.

1.7 Re-admission after break of study:

Procedure for re-admission of candidate will be followed as per JMI Guidelines.

1.8 Duration of Course:

- i. Annual Pattern: 4 years of academic learning
- ii. Internship program: 01-year full time rotatory internship program.

1.9 Maximum Duration of the Program:

Candidates should complete the Bachelor of Physiotherapy degree course within a period of ten years from the date of joining the course.

1.10 Medium of Instruction:

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

1.11 Teaching/Learning Methods:

The teaching methods will adopt competency-based learning for the students. Apart from classroom teaching (contact hours), self-learning will be facilitated to make a graduate lifelong learner. Additionally, technology, hybrid or virtual learning, use of advanced learning tools, mannequins, simulators, videos can be utilized for enhancing learning experience.

1.12 Attendance:

- i. A candidate has to secure minimum-
 - a. 75% attendance in theory and practical subjects for qualifying to appear for the final examination.
 - b. 85% in Clinical training for qualifying to appear for the final examination.
- ii. A student will be permitted to appear in the annual examination only after fulfilling all course requirements and achieving at least 75% attendance in theory, 75% in practical's, and 85% in clinical training.

- iii. Attendance of students admitted to the 1st year of any programme/course of study shall be counted from the date of admission in the respective classes.

1.13 Assessment:

- i. The Continuous Internal Assessment (CIA) forms the Formative Assessment component of the evaluation system while the end year examination as explained along with the formative assessment will become the summative assessment.
- ii. Assessments should be completed by the academic staff, based on the compilation of the student's theoretical & clinical performance throughout the training program. To achieve this, all assessment forms and feedback should be included and evaluated. The passing marks for every subject shall be 50% marks in theory and 50% in practical. Candidate has to pass both theory and practical separately. If a candidate fails in practical or theory exam only s/he must have to appear in both theory and practical exam again.
- iii. Each paper shall have 20% Internal Assessment and 80% marks for University/External Examination. The internal assessment marks will be based on weightage will be based on Mid-term tests, Written/Assignment/Project Work, case presentation, presentation, viva, practical, attendance etc

1.14 Pass Percentage:

A candidate will be declared to have passed a course if he/she has secured the minimum percentage of marks in each of the courses, as specified hereunder:

- (i) 50% in Internal Assessment,
- (ii) 50% in Annual Examination,
- (iii) 50% in the aggregate of Internal Assessment and Annual Examination.

1.15 Commencement of the course:

The course shall commence as per university guidelines.

1.16 Commencement of examination:

University examinations will be conducted at the end of each academic year. However, two Examination in an academic year is essential and has to be conducted by the university, one Annual and one supplementary examination in an academic year.

1.17 Promotion Criteria:

- i. A Candidate shall be declared to have passed the examination if he/she obtained not less than 50% of the marks in theory and practical papers separately.
- ii. Students can be permitted to attend the classes of next year only if the number of failed subjects is two or less than two and **student must clear all the subjects before appearing for the final examination of next year**. Candidate has to pass both theory and practical separately. If a candidate fails in practical or theory exam only s/he must have to appear in both theory and practical exam again.
- iii. Only after passing all the subjects of all the four years, he/she will be allowed to undergo internship.

1.18 Review of answer papers of failed candidates:

- i. As per the regulations prescribed for review of answer papers by JMI guidelines.
- ii. Any candidate, intending to apply for re-evaluation of answer scripts (s) of any Course/Subject of his/her written Examination, may do so on the prescribed Application Form within 15 days from the date of issue of marks sheet.
- iii. The re-evaluation of scripts will not be allowed in more than one-third of written Papers of an Annual Examination.
- iv. Re-evaluation shall not be permitted in the Practical Examinations, Viva-Voice, Project Report/Field Work/Sessional/Internal Assessment and Dissertation, as also the answer scripts of any Examination, which have already been valued in full by joint Examiners/Board of Examiners.

1.19 Discharge from the program:

- i. “If a student admitted to a course of study in an University and for any reason not able to complete the course or qualify for the degree by passing the examinations prescribed within a period of ten years prescribed in the Regulations for the concerned course, he/she will be discharged from the said course, his/her name will be taken off the rolls of the University and he/ she will not be permitted to attend classes or appear for any examination conducted by the University thereafter.”
- ii. “Notwithstanding anything contained in the foregoing, the students who fall in the category clause 1 above and who are in the final year of the respective courses be given one more last and final chance to appear for the University Examination with the special permission from the Vice chancellor with a condition that if they do not pass the examination even in their last chance, they shall be discharged from the course.
- iii. “If a student for any reason is not able to complete the internship within two years duration, such cases will be placed before a committee to be constituted by the State Council for making appropriate decision on a case-to-case basis, based on individual merits”.

1.20 Migration/Transfer of Candidates:

Migration/transfer of Candidates shall be done as per the JMI guidelines.

1.21 Internship:

- i. All students of Bachelor of Physiotherapy must undergo a compulsory rotatory internship for a period of one year approved by the college after passing all examinations in all subjects.
- ii. Teaching institute shall be responsible for ensuring the internship of the students in the hospital of the institute or affiliated /approved hospitals.
- iii. During the period of internships, stipend amount must be paid to the students by the institute as prescribed by the State Council.
- iv. Up to 4 months of the internship duration can be completed as externship in an institute approved by the State Council.
- v. Completion of Basic Life Support (BLS) program is mandatory for every student during the

one year of internship. The concerned institute shall be responsible for organizing the BLS program to be guided by certified instructors for their students.

- vi. Two months of rural posting and preferably in a government setting like a CHC/ PHC/ Rural Rehabilitation Centres, shall be coordinated by the State Council for each student as a part of the Internship.
- vii. At the end of the Internship, a log book as prescribed in the Curriculum, duly signed by the Director/approved authority of the concerned Institute, must be preserved in the Institute.

1.22 Classification of successful candidates:

A successful candidate

- i. Who secures 75% and above in the aggregate marks shall be declared to have secured 'FIRST CLASS WITH DISTINCTION' provided he/she passes the whole examination in the FIRST ATTEMPT;
- ii. Who secures above 60% and less than 75% in the aggregate marks and completes the course within the stipulated course period shall be declared to have passed the examinations in the 'FIRST CLASS, provide he/she passes the whole examination in the FIRST ATTEMPT';
- iii. Who secures above 50% and less than 60% in the aggregate marks and completes the course within the stipulated course period shall be declared to have passed the examinations in the 'SECOND CLASS'; and
- iv. All other successful candidates shall be declared to have PASSED the examinations.

1.23 Scheme of examination:

- i. Regular periodic examinations shall be conducted throughout the course.
- ii. Learners must secure at least 50% marks in theory and practical separately assigned for internal assessment in a particular subject in order to be eligible for appearing at the final University examination of that subject.
- iii. The results of Internal Assessment should be displayed on the notice board before the annual examination.

1.24 Practical/Clinical Examination

- i. Include assessment in psychomotor and effective domain. Assessment of clinical and procedural skills should be based on direct observations by the examiners.
- ii. Assessment tools like case presentations, Objective Structured Clinical Examination (OSCE) and/or Objective Structured Practical Examination (OSPE) and Directly Observed Procedural Skills (DOPS) should be employed, wherever applicable.
- iii. Practical/clinical examinations will be conducted in the laboratories and /or hospital wards/ OPD. Viva/oral examination should assess approach to patient management, emergencies, attitudinal, ethical and professional values.
- iv. Practical examination should be conducted by pair of examiners (one internal from same university and one external from another university) only and not by single examiner.
- v. All the examiners must be registered in their respective councils/ commissions or equivalence.

1.25 Credit and Grading and Transcript

- i. Credit: A unit by which the course work is measured. It determines the number of hours of One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
- ii. Credits will be assigned on the basis of the lectures (L) / tutorials (T) / Clinical Training (CR) / laboratory work (P) / Research Project (RP) and other forms of learning in a 15-20 week schedule
 - a. L - One credit for one hour lecture per week (1 credit course = 15 hours)
 - b. P/T - One credit for every two hours of laboratory or practical (1 credit course = 30 hours)
 - c. CR - One credit for every three hours of Clinical training/Clinical rotation/posting (1 credit course = 45 hours)
 - d. RP - One credit for every two hours of Research Project per week – Max Credit 20- 25 (1 credit course = 30 hours)
 - e. Credit Point: It is the product of grade point and number of credits for a course.
 - f. Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale.
 - g. Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

1.26 Marks equivalence table Grades and Grade Points

Table 1.1: Equivalence Table for Marks, Grades and Grade Points

Letter Grade	Grade Point	Range of Marks *
O (Outstanding)	10	86-100
A+ (Excellent)	9	70-85
A (Very Good)	8	60 -69
B+ (Good)	7	55 -59
B (Average)	6	50- 54
C (Average)	5	45- 49
D (Below Average)	4	40 -44
Ab (Absent)		
NC- not completed	(F) FAIL: Below 50	

- i. A student getting 'C' or lower grade in any course in this discipline will be treated as having failed in that course and the weights of 'C' and lower Grades will not be counted in AGPA or CGPA.
- ii. Annual Grade Point Average (AGPA): It is a measure of performance of work done in a

year. It is ratio of total credit points secured by a student in various courses registered in a year and the total course credits taken during that year. It shall be expressed up to two decimal places.

- iii. Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student overall years. The CGPA is the ratio of total credit points secured by a student in various courses in all year and the sum of the total credits of all courses in all the year. It is expressed up to two decimal places.

1.27 Computation of AGPA and CGPA: The following procedure should be used to compute the Annual Grade Point Average (AGPA) and Cumulative Grade Point Average (CGPA):

- i. The AGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{AGPA (Si)} = \sum(C_i \times G_i) / \sum C_i$$

where C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course. Format for Transcripts and Illustration of Computation of AGPA based on Total credits of a year is shown in Table 1.2.

- ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the years of a program, i.e.

$$\text{CGPA} = \sum(C_i \times S_i) / \sum C_i$$

where S_i is the AGPA of the i th years and C_i is the total number of credits in that year. Format for Transcripts and Illustration of Computation of CGPA based on AGPA and Credit of respective years is shown in Table 1.3.

- iii. The AGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Table 1.2: Illustration for Computation of (AGPA) Annual Grade Point Average

Course	Credit (C_i)	Grade letter	Grade point (G_i)	Credit Point = Credit (C_i)x Grade point (G_i)
Course 1	3		8	24
Course 2	4		7	28
Course 3	3		6	18
Course 4	3		10	30
Course 5	3		5	15
Course 6	4		6	24
Total	20			139
AGPA (S_i) = Credit points/Total credit		139/20 =6.95		

- iv. The CGPA shall be calculated as in Table 1.3, after deriving year wise AGPA and rounded off to 2 decimal points and reported in the transcripts.

Table 1.3: Illustration for Computation of Cumulative Grade Point Average (CGPA)

	Total credit	AGPA	AGPA X CREDIT	Credit points
Year 1	55	6.9	55 X 6.9 =	379.5
Year 2	56	7.8	56 X 7.8 =	436.8
Year 3	42	5.6	42 X 5.6 =	235.2
Year 4	45	6	45 X 6 =	270
Total	198			1321.5
CGPA = credit points/ total credit		1321.5/198=6.67		

1.28 Scheme of study [Minimum hours]

- i. Calculation of credit for student (As per National Credit Framework)
- ii. Theory = 15 hours
- iii. Practical / Clinical = 30 hours
- iv. Field work = 45 hours

BACHELORS OF PHYSIOTHERAPY

SCHEME OF STUDY: BACHELOR OF PHYSIOTHERAPY (B. P. T.):

First Year B. P. T. Examination [Annual Pattern]

First Year B.P.T. Examination Scheme

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	BPT- 101 Human Anatomy (HA)	20	20	100	20	40	200	180	120	300	12	4	16
2	B.P.T -102 Human Physiology (HP)	20	20	100	20	40	200	180	120	300	12	4	16
3	B.P.T -103 Biochemistry (BC)	20		80			100	90		90	6		6
4	B.P.T -104 Fundamentals of exercise Modalities (FoEM)	20	20	100	20	40	200	120	60	180	8	2	10
5	B.P.T -105 Fundamentals of Electro Physical Agents (FoEA)	20	20	100	20	40	200	120	60	180	8	2	10
6	B.P.T -106 Psychology & Sociology (PS)	20		80			100	120		120	8		8
7	B.P.T -107 Fundamentals of Healthcare delivery System In India (FoHS)	20		80			100	120		120	8		8

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
8	B.P.T -108 English (EG)			[NUES]*				60		60	4		4
9	B.P.T -109 Information Technology (IT)			[NUES]*				60		60	4		4
10	B.P.T- 110 Clinic Orientation (COOr)								150	150		5	5
	Grand Total	140	80	640	80	160	1100	1050	510	1560	70	17	87

□ **N.B.** - Setting Question Paper will be done as per the subjects in Annual Pattern

* *These subjects shall be evaluated as qualifying subjects.*

Second Year B. P. T. Examination [Annual Pattern]

Second Year B.P.T. Examination Scheme

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	B.P.T-201 Pathology & Microbiology (PM)	20		80			100	120		120	8		8
2	B.P.T-202 Pharmacology (PC)	20		80			100	90		90	6		8
3	B.P.T-203 Public Health & Health Promotion (PH)	20		80			100	120		120	8		8
4	B.P.T-204 Emergency Care and life support Skills (ECLS)	20		80			100	90	30	120	6	1	7
5	B.P.T-205 Exercise therapy (ExT)	20	20	100	20	40	200	150	120	270	10	4	14
6	B.P.T -206 Electrotherapy (ET)	20	20	100	20	40	200	150	120	270	10	4	14
7	B.P.T-207 Biomechanics & Kinesiology (BK)	20		80			100	120	60	180	8	2	10

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory hours	Practical hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
8	B.P.T-208 Yoga and Systems of Medicine (YoG)	20	20	100	20	40	200	120	60	180	8	2	10
9	B.P.T.-209 Clinical Observation (COB)								210	210		7	7
	Grand Total	160	60	700	60	120	1100	960	600	1560	64	20	84

□ N.B.-Setting Question Paper will be done as per the subjects in Annual Pattern.

Third Year B. P. T. Examination [Annual Pattern]

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory Hours	Practical Hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	B.P.T -301 General Medicine and Pediatrics (GMP)	20		80			100	90	30	120	6	1	7
2	B.P.T-302 General Surgery (GS)	20		80			100	90	30	120	6	1	7
3	B.P.T -303 Orthopedics (OR)	20		80			100	90	30	120	6	1	7
4	B.P.T -304 Physiotherapy in Adult and Pediatric Medical and Surgical Conditions (PTMS)	20	20	100	20	40	200	180	120	300	12	4	16

S. No.	Subject	Internal Assessment Marks		University Examination Marks			Total Marks	Theory Hours	Practical Hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
5	B.P.T-305 Physiotherapy in Adult and Pediatric Orthopedics Conditions (PTO)	20	20	100	20	40	200	180	120	300	12	4	16
6	B.P.T-306 Physical & functional Diagnosis & Prescription (PFDP)	20	20	100	20	40	200	120	60	180	8	2	10
7	B.P.T-307 Research Methodology , Biostatistics and Evidence Based Practice (RMB)	20		80			100	120		120	8		
8	B.P.T-308 Clinical Education (CEd)								300	300		10	10
	Grand Total	140	60	620	60	120	1000	870	690	1560	58	23	81

□ N.B. - Setting Question Paper will be done as per the subjects in Annual Patten

Fourth Year B.P.T. Examination Scheme

S. No.	Subject	Internal Assessment		University Examination			Total Marks	Theory hours	Practical Hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
1	B.P.T -401 Neurology, Psychiatry and Neurosurgery (NPNS)	20		80			100	90	30	120	6	1	7
2	B.P.T-402 Physiotherapy in Adult and Pediatric Neurological and Neurosurgical conditions (PTN)	20	20	100	20	40	200	150	90	240	10	3	13
3	B.P.T-403 Cardiothoracic diseases and surgeries (CTD)	20		80			100	90	30	120		1	7
4	B.P.T-404 Physiotherapy in Adult and Pediatric Cardiothoracic conditions and Surgical Conditions (PTCT)	20	20	100	20	40	200	150	90	240	10	3	13
5	B.P.T-405 Sports Physiotherapy & Exercise Prescription (PTS)	20	20	100	20	40	200	150	90	240	10	3	13

S. No.	Subject	Internal Assessment		University Examination			Total Marks	Theory hours	Practical Hours	Total Hours	Credits Theory	Credits Practical	Credits Total
		Theory	Practical	Theory	Viva	Practical							
6	B.P.T-406 PT Ethics, Medico Legal aspects, Management & Administration (PTLM)	20		80			100	90		90	6		6
7	B.P.T-407 Community Physiotherapy & Rehabilitation (CPTR)	20		80			100	90	30	120	6	1	7
Project Work Orientation [NUES] (PW) B.P.T-408							0	90	0	90	6	0	6
CLINICAL ROTATION (CR) B.P.T-409									300	300		10	10
GRAND TOTAL							1000	900	660	1560	60	22	82