

Ordinance & Syllabus

for

Bachelor of Physiotherapy (BPT)



Atal Bihari Bajpayee Medical University UP
Session 2021-22 Onwards (Semester System)

Surej
28/4/22
Dr. Surej Kumar

Dr. C. S. Ram
(Dr. C. S. Ram)

Dr. A. Roheem Khan
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Selection procedure:

1. He/she has passed the Higher Secondary (10+2) or equivalent examination recognized by any Indian University or govt. recognized Board. With –Physics, Chemistry and Biology as major subjects with 50% marks in PCB for General/OBC Category and 45% marks in PCB for SC/ST Category.
 - a. Candidates who have passed the Senior Secondary school Examination of National Open School. Physics, Chemistry, Biology, English.
2. He/she has attained the age of 17 years as on 31st December of the year of admission.
3. Admission will be done through a common entrance test at the State Level /or through score of a National Level Entrance Exam on merit basis. The candidate must obtain at least 50% marks in the entrance examination to get admission.

Reservation for disability: 5% percent Horizontal reservation will be considered for Loco-motor disabled candidates only with a disability of loco-motor to the tune of maximum 40% to the lower extremity and other eligibility criteria with regard to qualification will be same as prescribed for unreserved category candidates.

Caste Certificate: Caste certificate issued by the competent authority as approved by Govt. of Uttar Pradesh will be acceptable.

Duration of the course

Duration of the course shall be 4 ½ years (8 Semester examination pattern + 6 months internship). (Total of 4780 hours in theory, practical & clinical) and minimum 960 hours of internship (to be completed in six months duration).

Minimum Course Total hours- 5740

Medium of instruction:

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

Commencement of the course-

First Semester	Odd Semester	August
Second Semester	Even semester	February

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Third Semester	Odd Semester	August
Fourth Semester	Even semester	February
Fifth Semester	Odd Semester	August
Six Semester	Even semester	February
Seventh Semester	Odd Semester	August
Eight Semester	Even semester	February

The course shall commence no later than August for Odd semester and February for even semester.

Commencement of examination-

University examinations will be conducted one time in one Semester.

Working days during the year-

Each semester shall consist not less than 100 working days excluding examination days.

Marks qualifying for pass-

50% marks in theory and practical marks separately are required.

Attendance:

A candidate has to secure minimum-

1. 75% attendance in theoretical lectures
 2. 85% in Skills training (practical) for qualifying to appear for the final examination
- No relaxation, whatsoever, will be permissible to this rule under any ground including in medical illness /disposition etc.

Assessment:

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 in the year should be 50% marks in theory and practical considered separately.

Skill based Outcomes and Monitorable Indicators: Competency Statements to be tested through written and practical examinations

1. Consults with the client to obtain information about his/her health, associated history, previous health interventions, and associated outcomes.
2. Collects assessment data relevant to the client's needs and physiotherapy practice.

3. Be able to conduct the patient evaluation and assessment as per condition.
4. Analyzing Assessment findings & establish a physiotherapy diagnosis and prognosis.
5. Develops and Recommends an intervention strategy.
6. Be able to prepare the patient (physically and emotionally) and as well as the equipment to be used as per treatment plan.
7. Implements intervention.
8. Be able to accurately explain the treatment plans and able to demonstrate and teach self exercises
9. Advise patient on appropriate nutrition, exercises, rest, relaxation other issues
10. Evaluates the effectiveness of interventions.
11. Be able to complete accurate treatment documentation.
12. Develops, builds, and maintains rapport, trust, and ethical professional relationships through effective communication.
13. Establishes and maintains inter professional relationships, which foster effective client-centered collaboration.
14. Understand the principles of continuous quality improvement.
15. Be able to carry out the daily/weekly Quality Control (QC) checks.
16. Be able to review the literature.
17. Be able to suggest implementation of research findings.
18. Be able to suggest/ initiate topics for physiotherapy research
19. Be able to interpret, apply and disseminate information as a member of the profession.

PROGRAM EDUCATION OBJECTIVES (PEOs)

The overall objectives of the learning outcome-based curriculum framework (LOCF) for BPT are as follows:

PEO No.	Education Objective
PEO 1	Students will be able to apply fundamental body of knowledge and clinical competency in Physiotherapy to achieve professional excellence.
PEO 2	Students will execute application of clinical and practical skills in Physiotherapy
PEO 3	Students will practice the profession by ethical norms and communicate effectively with the multi-disciplinary team.

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PEO 4	Students will acquire creative proficiency in interpersonal and collaborative skills to identify, assess and formulate problems and execute the solution.
PEO 5	Students will be able to imbibe the culture of entrepreneurship, research, innovations, and incubate new avenues for professional growth.
PEO 6	Students will display lifelong learning process for a highly productive career and will be able to relate the concepts of Physiotherapy towards serving the cause of the society.

GRADUATE ATTRIBUTES

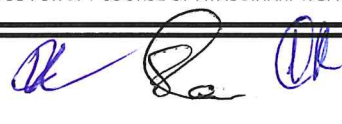
S No.	Attribute	Description
1.	Professional Knowledge	Develop scientific knowledge and understanding to practice as a health care professional
2.	Clinical / practical skills	Apply clinical / practical skills to prevent, assess and manage quality health care services
3.	Communication	Displays empathetic and professional communication skills to patients/clients, care- givers, other health professionals and other members of the community
4.	Cooperation/Team work	Ability to practice collaboratively and responsibly with multidisciplinary team members to deliver high quality health care
5.	Professional ethics	Ability to resolve ethical issues and practice the ethical values in the professional life
6.	Research / Innovation-related Skills	A sense of enquiry and investigation with ability to raise questions and translate the evidence into clinical practice.

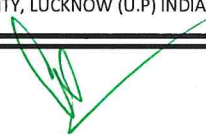
7.	Critical thinking and problem solving	Ability to think critically and provide solutions for real life situations
8	Reflective thinking	Employ reflective thinking along with sense of awareness of one self and society
9	Information/digital literacy	Excel in use of information communication and technology in ongoing learning situations
11.	Multi-cultural competence	Ability to effectively engage and respond in a multicultural society
12.	Lifelong Learning	Demonstrate the ability to acquire knowledge and skills that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to demands of work place through knowledge/skill development/reskilling.

PROGRAM OUTCOMES (POs):

After successful completion of Master of Physiotherapy program, students will be able to:

PO No.	Attribute	Competency
PO 1	Professional knowledge	Possess and apply scientific knowledge to work as an member of health care system
PO 2	Clinical/ Technical skills	Employ clinical skills to provide quality health care services
PO 3	Team work	Demonstrate team work with shared goals with the interdisciplinary health care team to improve societal health
PO 4	Ethical value & professionalism	Possess and demonstrate ethical values and professionalism within the legal framework of the society

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PO 5	Communication	Communicate professionally with the multidisciplinary health care team and the society
PO 6	Evidence based practice	Demonstrate high quality evidence based practice that leads to excellence in professional practice
PO 7	Life-long learning	Enhance knowledge and skills with the use of recent technology for the continual improvement of professional practice
PO 8	Entrepreneurship , leadership and mentorship	Display entrepreneurship, leadership and mentorship skills to practice independently as well as in collaboration with the multidisciplinary health care team

Program Outcomes (POs) and Course Outcomes (COs) Mapping

Sem.	Program Outcomes	Course Code	Course Name	Course Outcomes
I Sem	PO1- Professional Knowledge	BPT-101	Human Anatomy I (Including Applied Anatomy)	CO1
I Sem	PO1- Professional Knowledge	BPT-102	Human Physiology I (Including Applied Physiology)	CO2
I Sem	PO1- Professional Knowledge	BPT-103	Biochemistry	CO3
I Sem	PO1- Professional Knowledge	BPT-104	Bio physics	CO4
I Sem	PO1- Professional Knowledge PO5-Communication PO7- Life long Learning	BPT-105	Health Psychology	CO5

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 28/4/22

I Sem	PO5-Communication PO7- Life long Learning	BPT-106	Remedial English	CO6
II Sem	PO1- Professional Knowledge	BPT-107	Human Anatomy II (Including Applied Anatomy)	CO1 CO7
II Sem	PO1- Professional Knowledge	BPT-108	Human Physiology II (Including Applied Physiology)	CO2 CO8
II Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-109	Biomechanics and Kinesiology I	CO9
II Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO7- Life long Learning	BPT-110	Yoga-Basic theory, science and techniques	CO10
II Sem	PO5-Communication PO7- Life long Learning	BPT-111	Computers & Informatics	CO11
III Sem	PO1- Professional Knowledge	BPT-201	Exercise Therapy-I	CO12
III Sem	PO1- Professional Knowledge	BPT-202	Electrotherapy-I	CO13
III Sem	PO1- Professional Knowledge	BPT-203	Biomechanics and Kinesiology II	CO9 CO14
III Sem	PO1- Professional Knowledge	BPT-204	Microbiology	CO15

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III Sem	PO4- Ethical Values PO7- Life long Learning	BPT-205	Environmental Science	CO16
III Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO5-Communication	BPT-206	Clinical Education	CO17
IV Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-207	Exercise Therapy II	CO12 CO18
IV Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-208	Electrotherapy II	CO13 CO19
IV Sem	PO1- Professional Knowledge	BPT-209	Pharmacology	CO20
IV Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-210	First Aid & Emergency Care	CO21
IV Sem	PO1- Professional Knowledge	BPT-211	Pathology	CO22
IV Sem	PO4- Ethical Values PO7- Life long Learning	BPT-212	Medical/Physiotherapy Ethics & Laws	CO23
IV Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO5-Communication	BPT-213	Clinical Education	CO17
V Sem	PO1- Professional Knowledge	BPT-301	Cardio-Pulmonary Medicine & Surgery	CO24
V Sem	PO1- Professional Knowledge	BPT-302	Clinical Neurology & Neuro Surgery	CO25

V Sem	PO1- Professional Knowledge	BPT-303	General Orthopaedics and Traumatology	CO26
V Sem	PO1- Professional Knowledge	BPT-304	General Medicine	CO27
V Sem	PO3- Team Work PO5-Communication	BPT-305	Introduction to Health Care Systems	CO28
V Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO5-Communication	BPT-306	Clinical Education	CO17
VI Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-307	PT in General Medical & Surgical condition	CO29
VI Sem	PO1- Professional Knowledge	BPT-308	Regional Orthopaedics and Diagnostic imaging	CO26 CO30
VI Sem	PO1- Professional Knowledge	BPT-309	Clinical Neurology and Neuro Surgery	CO31
VI Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO3-Team Work PO5-Communication	BPT-310	Community Physiotherapy and Rehabilitation	CO32
VI Sem	PO4- Ethical Values PO7- Life long Learning	BPT-311	Introduction to Quality & Patient Safety	CO33
VI Sem	PO4- Ethical Values PO5-Communication PO7- Life long Learning	BPT-312	Professionalism & Values	CO34

VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-401	Physiotherapy Orthopaedics-I	CO35
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-402	Physiotherapy in Neurology-I	CO36
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-403	Physiotherapy in Cardiopulmonary conditions-I	CO37
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-404	Physiotherapy in Sports-I	CO38
VII Sem	PO6-Evidence Based Practice	BPT-405	Research Methodology & Biostatistics	CO39
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO6-Evidence Based Practice	BPT-406	Evaluation Methods and Outcome Measures	CO40
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO6-Evidence Based Practice	BPT-407	Clinical reasoning & Evidence based physiotherapy	CO17 CO41
VII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO6-Evidence Based Practice	BPT-408	Clinical education	CO17
VIII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-409	Physiotherapy in Orthopaedics-II	CO35 CO42
VIII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-410	Physiotherapy in Neurology-II	CO36 CO43

5/1/21

VIII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-411	Physiotherapy in Cardiopulmonary conditions -II	CO37 CO44
VIII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills	BPT-412	Physiotherapy in Sports-II	CO38 CO45
VIII Sem	PO3-Team Work PO6-Evidence Based Practice	BPT-413	Research Project	CO46
VIII Sem	PO5-Communication	BPT-414	Critique inquiry, case presentation and discussion.	CO48
VIII Sem	PO1- Professional Knowledge PO2- Clinical/ Technical Skills PO6-Evidence Based Practice	BPT-415	Clinical education	CO17

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