

**ORDINANCE  
FOR  
BACHELOR OF PHYSIOTHERAPY**



***(THIS ORDINANCE HAS BEEN APPROVED IN THE MEETING OF BOARD OF  
MANAGEMENT HELD ON DATED 02.09.21)***

**APPLICABLE W.E.F. ACADEMIC SESSION 2021-2022**

**SRI HARGOBINDGARH, PHAGWARA – HOSHIARPUR ROAD,  
PHAGWARA 144401  
PUNJAB**



**ORDINANCE FOR**  
**BACHELOR OF PHYSIOTHERAPY**

**SHORT TITLE AND COMMENCEMENT**

- I. This ordinance shall be called the ordinance for the bachelor of physiotherapy of GNA University, Phagwara.
- II. This ordinance shall come into force with effect from the academic session 2021-22.

**1. Name of Program: Bachelor of Physiotherapy (B.P.T)**

**2. Name of Faculty: Faculty of Allied and Healthcare Sciences**

**3. Program Educational Outcomes:**

**PEO1:** Effectively evaluate, apply, and integrate information related to physiotherapy practice from tissue to the societal level.

**PEO2:** Contribute to knowledge in physiotherapy and provide information for improvement in health and wellness of society by conducting and sharing research and scholarship activity.

**PEO3:** Contribute to the physiotherapy profession, associated professions, and the community through service and advocacy.

**PEO4:** Provide quality patient care to improve the health of individuals and society.

**4. Program Outcomes:**

**PO1:** The B.P.T. program will provide comprehensive, individually focused teaching and training that will prepare the students to provide high quality physiotherapy care to the patients. Students would also be able to recognize the role of physiotherapy in the context of the health needs of the community and National priorities in the health sector.

**PO2:** The B.P.T. program will provide students with the opportunity to develop and broaden their professional and ethical behavior appropriate to standard expected for a Physiotherapy Graduate.

**PO3:** The B.P.T. program will provide the students with opportunity to acquire knowledge on basic medical sciences, human movement sciences, various medical and surgical conditions and their appropriate treatments. The students will also be able to identify psychological, social,

economic, cultural aspects of diseases and appreciate its impact on community.

**PO4:** The B.P.T. program will offer deep analytical skills to perform a safe, systematic and appropriate physiotherapy assessment for various conditions. It will also provide deep understanding to identify, define and deal with problems of professional practice through logical, analytical and critical thinking. Students will acquire ability to analyse and interpret physical assessment, diagnosis and set appropriate short- and long-term goals.

**PO5:** The B.P.T. program will train and engage students for work place skills, to communicate effectively across wide range of professional and personal contexts. It will endow skills and ability to work independently or collaboratively in clinical, academic and research settings.

**5. Program Specific Outcomes (PSOs):**

**PSO1:** The B.P.T. program demonstrates sufficient understanding of knowledge in physiotherapy and provides strong base to integrate theoretical knowledge with clinical assessment. It offers ability to collect history, perform scientific clinical assessment, derive judicious inferences and diagnosis and frame appropriate electrotherapeutic and exercise therapy management for the patients. This program engages students in activities that contribute to the betterment of society and behave ethically and responsibly in social environment.

**PSO2:** This program develops clinical decision-making ability and provides judicious patient care and develops effective communication with patients, family, colleagues and students.

**PSO3:** The B.P.T. program promotes health education and improves quality of life through the practice of the profession. It also encourages research and publications towards upliftment of the field of Physiotherapy.

**PSO4:** The program Ensure students to work effectively in various inter professional collaborative settings like Hospitals, Rehabilitation Centers, Special Schools, Educational Institutions, Health and Fitness Centers, Geriatric Centers, Ergonomic Consultation in Corporate Sectors, Private Consultation, Home Care Services, Industrial Sectors, Sports Management and Fitness Consultation.

**6. General Regulations for Faculty of Allied and Healthcare Sciences :**

The University may introduce programs under Faculty of Allied and Healthcare Sciences which are specified under the UGC Act 1956/ Ministry of Health and Family Welfare A. The Governing Body may approve the introduction, suspending or phasing out a program on the recommendation of the Academic Council either on its own or on the initiative of faculty.

The admissions to a Faculty of Allied and Healthcare Sciences programs shall be generally governed by

the rules of the Ministry of Health and Family Welfare, any other competent authority of the MHRD or as approved by Governing Body of University and shall be as notified in the admission notification of the respective academic year.

The minimum entry qualification for admission to the students of Faculty of Allied and Healthcare Sciences shall be such as may be laid down in the regulations or specified by the Governing Body like Minimum qualification for admission to the first year program of Faculty of Allied and Healthcare Sciences shall be the Senior Secondary School Certificate (10+2) in medical examination. While deciding the admission procedure, the University may lay down compulsory subjects in qualifying examination for admission for various programs in the admission policy.

A student shall be required to earn a minimum number of credits through various academic components of a curriculum, as provided for in the regulations.

A student shall be required to complete all the requirements for the award of the degree with in such period as may be specified in the regulations.

A student may be granted such scholarship as may be specified in accordance with the directions of the Governing Body from time to time or regulations laid down for the same.

A student admitted to the programs shall be governed by the rules, regulations and procedures framed and implemented by the University from time to time.

The students shall abide by the regulations mentioned in student handbook issued by the University. These standing regulations shall deal with the discipline of the students in the Hostels, Faculty, and University premises or outside. The standing orders may also deal with such other matters as are considered necessary for the general conduct of the students' co-curricular and extra-curricular activities.

In exceptional circumstances the chairman of Academic Council may, on behalf of the Council, approve amendments, modifications, Insertions or deletions of an Ordinance(s) which in his/her opinion is necessary or expedient for the smooth running of the program provided all such changes are reported to the Council in its next meeting.

### **7. General Regulations for the Bachelor of Physiotherapy:**

**Short Title and Commencement:** These regulations shall be called regulations for the UG program in Faculty of Allied and Healthcare Sciences of the University and shall come into force on such date as the Academic Council may approve.

**Duration:** The duration of the UG programs leading to degree of BPT shall be minimum four and a half years and each year will comprise of two semesters. However, the duration may be extended up-

to six and a half years from the registered batch. The maximum duration of the programs excludes the period of withdrawal, due to medical reasons. However, it shall include the period of rustication or any other reason of discipline /academics e.g., detention, willful absence by the student, not getting promotion to the next class due to poor academic performance etc. Under detention, the student shall attend the University for an additional semester or more time, as equated to period of absence/suspension.

**Starting or phasing out of Program:** The University may order such Undergraduate programs in Faculty of Applied Health Science leading to award a bachelor of degrees of Physiotherapy (BPT), as per nomenclature laid by the UGC/MOHFW regulations on the subject. A program may be phased out on recommendations of the Academic Council and approval of the Governing Body, on account of continuous low registration in the program or any other justifiable reason like becoming obsolete etc. Similarly, the Academic Council may approve starting of a new program or modifying the existing one on the recommendations of the Academic Council.

**Admissions:** Admission to BPT program shall be made as per procedure approved by the Governing Body and may be reviewed periodically as required. Fee structure, refund policy, total number of seats, reservation policy, and special category seats, e.g. sponsored seats, or direct entry into II year through lateral entry scheme for those who have completed Diploma in Physiotherapy.

**Eligibility for Admission:** 10+2 in Medical (Physics, Chemistry and Biology) or equivalent with 50% (45 % for SC/ST/OBC) marks in aggregate from any recognized board.

**Semester System:** The BPT academic program in the University shall be based on Semester System; namely, Even (Jan to June) and Odd (July to Dec) Semesters, in an academic year. The courses whether ordered in regular semester shall be evaluated as per the policy and procedure laid down.

**Semester Duration:** A semester will be of approximately 18-20 weeks duration. Of these, 100 days will be available for actual instructions including Mid Semester Exam.

**8. Curriculum:** The four and a half years curriculum has been divided into nine semesters and shall include lectures/ tutorials/ laboratory work/ field work/ outreach activity/ project work/ viva/ seminars/ presentations/ assignments etc. or a combination of some of these. The curriculum will also include other curricular, co-curricular and extra-curricular activities as may be prescribed by the university from time to time.

#### **9. Courses Description - As per UGC**

**I. Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement to complete their requirement of program in a said discipline of study.

- II. **Ability Enhancement Courses (AEC):** The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC). “AECC” courses are the courses based upon the content that leads to Knowledge enhancement; i. Environmental Science and ii. English/MIL Communication. These are mandatory for all disciplines. SEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc.
- i. **Ability Enhancement Compulsory Courses (AECC):** Environmental Science, English Communication/MIL Communication, Gender Equality and Women Empowerment.

**10. Medium of Instructions:**

The medium of instructions and examination will be English.

Practical work/Project Work / Project Report / Dissertation / Field Work Report / Training Report etc., if any, should be presented in English.

**11. Mode:** The program is offered in ‘Full Time’ mode of study only.

**12. Attendance Requirement to be Eligible to Appear in End Semester Examination:**

Every student is required to attend at least 75% of the lectures delivered squaring tutorials, practical and other prescribed curricular and co-curricular activities.

Dean of Faculty may give a further relaxation of attendance up to 10% to a student provided that he/she has been absent with prior permission of the Dean of the Faculty for the reasons acceptable to him/her.

Further, relaxation up to 5% may be given by the Vice Chancellor to make a student eligible under special circumstances only.

No student will be allowed to appear in the end semester examination if he/she does not satisfy the attendance requirements. Further, the attendance shall be counted from the date of admission in the University or commencement of academic session whichever is later.

Attendance of N.C.C/N.S.S. Camps or Inter-Collegiate or Inter-University or Inter-State or International matches or debates or Educational Excursion or such other Inter-University activities as approved by the authorities involving journeys outside the city in which the college is situated will not be counted as an absence. However, such absence shall not exceed four weeks per semester of the total period of instructions. Such type of facility should not be availed twice during the study.

- 13. Credit:** Each course, except a few special audit courses, has a certain number of credits assigned to it depending upon its lecture, tutorial and/or laboratory contact hours in a week.

A letter grade, corresponding to a specified number of grade points, is awarded in each course for which a student is registered. On obtaining a passing grade, the student accumulates the course credits as earned

credits. A student's performance is measured by the number of credits that he/she has earned and by the weighted grade point average. A minimum number of credits should be acquired to qualify for the programs.

**Earned Credits (EC):** The credits assigned to a course in which a student has obtained 'D' (a minimum passing grade) or a higher grade will be counted as credits earned by him/her. Any course in which a student has obtained F, or W or "I" grade will not be counted towards his/her earned credits.

A unit by which the course is measured. It determines the number of hours of instruction required per week.

Definition of Credit	
1 Hr. Lecture (L) per week	1 credit
1 Hr. Tutorial (T) per week	1 credit
2 Hours Practical (Lab) per week	1 credit

**FACULTY OF ALLIED AND HEALTHCARE SCIENCES** | **2021-2022**  
**BACHELOR OF PHYSIOTHERAPY**

**Program Structure: Bachelor of Physiotherapy**

SEMESTER 1										
Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BPT101	Human Anatomy – I	4	0	0	40	60	100	4
2	Core Course	BPT102	Human Physiology -I	4	0	0	40	60	100	4
3	Core Course	BPT103	Biochemistry	3	0	0	40	60	100	3
4	Core Course	BPT104	Sociology	2	0	0	40	60	100	2
5	Core Course	BPT105	Introduction to Healthcare Delivery System in India	2	0	0	40	60	100	2
6	Core Course	BPT106	Basic Computer and Information Science	2	0	0	40	60	100	2
7	Core Course	BPT107	English, Communication and Soft Skills	2	0	0	40	60	100	2
8	Core Course	BPT108	Introduction to Yoga – Basic Theory, Science and Technique	1	0	0	40	60	100	1
9	Core Course	BPT121	Human Anatomy – I Practical	0	0	4	40	60	100	2
10	Core Course	BPT122	Human Physiology- I Practical	0	0	2	40	60	100	1
11	Core Course	BPT123	Biochemistry – Practical	0	0	2	40	60	100	1
12	Core Course	BPT126	Basic Computer and Information Science – Practical	0	0	2	40	60	100	1
13	Core Course	BPT127	English, Communication and Soft Skills – Practical	0	0	2	40	60	100	1
14	Core Course	BPT128	Introduction to Yoga – Basic Theory, Science and Technique – Practical	0	0	2	40	60	100	1
15	Core	BPT100	Community	0	0	2	40	60	100	1



**FACULTY OF ALLIED AND HEALTHCARE SCIENCES  
BACHELOR OF PHYSIOTHERAPY**

**2021-2022**

Course	Orientation and Clinical Visit								
<b>Total</b>		<b>20</b>	<b>0</b>	<b>16</b>	<b>600</b>	<b>900</b>	<b>1500</b>	<b>28</b>	

<b>FACULTY OF ALLIED AND HEALTHCARE SCIENCES</b> <b>BACHELOR OF PHYSIOTHERAPY</b>	<b>2021-2022</b>
--	------------------

**SEMESTER 2**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BPT201	Human Anatomy - II	4	0	0	40	60	100	4
2	Core Course	BPT202	Human Physiology - II	4	0	0	40	60	100	4
3	Core Course	BPT203	Fundamentals of Biomechanics and Exercise Therapy	4	0	0	40	60	100	4
4	Core Course	BPT204	General and Clinical Psychology	2	0	0	40	60	100	2
5	Core Course	BPT205	Medical Terminology and Record Keeping	2	0	0	40	60	100	0
6	Core Course	BPT221	Human Anatomy – II Practical	0	0	6	40	60	100	3
7	Core Course	BPT222	Human Physiology – II Practical	0	0	4	40	60	100	2
8	Core Course	BPT223	Fundamentals of Exercise Therapy and Biomechanics - Practical	0	0	2	40	60	100	1
9	Core Course	BPT224	General and Clinical Psychology - Practical	0	0	2	40	60	100	1
10	Core Course	BPT200	Clinical Observation	0	0	6	40	60	100	3
<b>Total</b>				<b>16</b>	<b>0</b>	<b>20</b>	<b>400</b>	<b>600</b>	<b>1100</b>	<b>24</b>

**FACULTY OF ALLIED AND HEALTHCARE SCIENCES** | **2021-2022**  
**BACHELOR OF PHYSIOTHERAPY**

**SEMESTER 3**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BOP301	Pathology	3	0	0	40	60	100	3
2	Core Course	BOP302	Microbiology	3	0	0	40	60	100	3
3	Core Course	BOP303	Pharmacology	3	0	0	40	60	100	3
4	Core Course	BOP304	Biomechanics and Kinesiology	4	0	0	40	60	100	4
5	Core Course	BOP305	Exercise Therapy - I	4	0	0	40	60	100	4
6	Core Course	BOP306	Introduction to quality and patient safety (Including Emergency care, BLS, Biomedical waste management, Infection prevention and control, etc.)	1	0	0	40	60	100	2
7	Core Course	BOP324	Biomechanics and Kinesiology - Practical	0	0	6	40	60	100	3
8	Core Course	BOP325	Exercise Therapy – I Practical	0	0	4	40	60	100	2
9	Core Course	BOP326	Introduction to quality and patient safety (Including Emergency care, BLS, Biomedical waste management, Infection prevention and control, etc.) – Practical	0	0	2	40	60	100	1
10	Core Course	BOP300	Clinical Observation	0	0	6	40	60	100	3
<b>Total</b>				<b>18</b>	<b>0</b>	<b>18</b>	<b>400</b>	<b>600</b>	<b>1000</b>	<b>28</b>

**FACULTY OF ALLIED AND HEALTHCARE SCIENCES**  
**BACHELOR OF PHYSIOTHERAPY**

**2021-2022**

**SEMESTER 4**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BOP401	Exercise Therapy - II	4	0	0	40	60	100	4
2	Core Course	BOP402	Biophysics	2	0	0	40	60	100	2
3	Core Course	BOP403	Electrotherapy (LMHF & Equipment Care)	5	0	0	40	60	100	5
4	Core Course	BOP404	Medical/Physiotherapy Law and Ethics	2	0	0	40	60	100	2
5	Core Course	BOP421	Exercise Therapy - II - Practical	0	0	4	40	60	100	2
6	Core Course	BOP422	Biophysics - Practical	0	0	2	40	60	100	1
7	Core Course	BOP423	Electrotherapy (LMHF & Equipment Care) – Practical	0	0	8	40	60	100	4
8	Core Course	BOP400	Clinical Education - I	0	0	6	40	60	100	3
9	AEC	ENS001	Environmental Studies	2	0	0	40	60	100	2
<b>Total</b>				<b>15</b>	<b>0</b>	<b>18</b>	<b>360</b>	<b>540</b>	<b>900</b>	<b>24</b>

**FACULTY OF ALLIED AND HEALTHCARE SCIENCES** | **2021-2022**  
**BACHELOR OF PHYSIOTHERAPY**

<b>SEMESTER 5</b>										
<b>Sr. No</b>	<b>Category</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Hours per Week</b>			<b>Marks Distribution</b>		<b>Total Marks</b>	<b>Credits</b>
				<b>L</b>	<b>T</b>	<b>P</b>	<b>Internal</b>	<b>External</b>		
<b>1</b>	Core Course	BOP501	Clinical Orthopaedics and Traumatology	4	0	0	40	60	100	4
<b>2</b>	Core Course	BOP502	General Surgery including burns and plastic surgery & Obstetrics and Gynaecology	4	0	0	40	60	100	4
<b>3</b>	Core Course	BOP503	General Medicine, Paediatrics and psychiatry	4	0	0	40	60	100	4
<b>4</b>	Core Course	BOP504	Evaluation Methods and Outcome Measures	2	0	0	40	60	100	2
<b>5</b>	Core Course	BOP522	General Surgery including burns and plastic surgery & Obstetrics and Gynaecology- Practical	0	0	2	40	60	100	1
<b>6</b>	Core Course	BOP523	General Medicine, Paediatrics and Psychiatry - Practical	0	0	2	40	60	100	1
<b>7</b>	Core Course	BOP524	Evaluation Methods and Outcome Measures - Practical	0	0	2	40	60	100	1
<b>8</b>	Core Course	BOP525	Diagnostic Imaging for Physiotherapists - Practical	0	0	2	40	60	100	1
<b>9</b>	Core Course	BOP500	Clinical Education- II	0	0	12	40	60	100	6
<b>10</b>	AECC	GWE101	Gender Equality and Woman Empowerment	2	0	0	40	60	100	2
<b>Total</b>				<b>16</b>	<b>0</b>	<b>18</b>	<b>400</b>	<b>600</b>	<b>1000</b>	<b>26</b>

**FACULTY OF ALLIED AND HEALTHCARE SCIENCES  
BACHELOR OF PHYSIOTHERAPY**

**2021-2022**

**SEMESTER 6**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BOP601	Physiotherapy in Orthopaedic & Sports	4	0	0	40	60	100	4
2	Core Course	BOP602	Clinical Neurology and Neurosurgery	4	0	0	40	60	100	4
3	Core Course	BOP603	Physiotherapy in General Medicine and General Surgery	4	0	0	40	60	100	4
4	Core Course	BOP621	Physiotherapy in Orthopaedic & Sports - Practical	0	0	6	40	60	100	3
5	Core Course	BOP622	Clinical Neurology and Neurosurgery - Practical	0	0	2	40	60	100	1
6	Core Course	BOP623	Physiotherapy in General Medicine and General Surgery - Practical	0	0	4	40	60	100	2
7	Core Course	BOP600	Clinical Education - III	0	0	12	40	60	100	6
<b>Total</b>				<b>12</b>	<b>0</b>	<b>24</b>	<b>280</b>	<b>420</b>	<b>700</b>	<b>24</b>

<b>FACULTY OF ALLIED AND HEALTHCARE SCIENCES</b> <b>BACHELOR OF PHYSIOTHERAPY</b>	<b>2021-2022</b>
--	------------------

**SEMESTER 7**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BOP701	Physiotherapy in Neurology & Psychosomatic Disorder	4	0	0	40	60	100	4
2	Core Course	BOP702	Clinical Cardiovascular and Pulmonary	4	0	0	40	60	100	4
3	Core Course	BOP703	Biostatistics and Research Methodology	4	0	0	40	60	100	4
4	Core Course	BOP704	Entrepreneurship and Professional Values in Physiotherapy	3	0	0	40	60	100	3
5	Core Course	BOP705	Health Promotion and Fitness	1	0	0	40	60	100	1
6	Core Course	BOP721	Physiotherapy in Neurology & Psychosomatic Disorder - Practical	0	0	6	40	50	100	3
7	Core Course	BOP725	Health Promotion and Fitness - Practical	0	0	2	40	60	100	1
8	Core Course	BOP700	Clinical Education - IV	0	0	12	40	60	100	6
<b>Total</b>				<b>16</b>	<b>0</b>	<b>20</b>	<b>320</b>	<b>480</b>	<b>800</b>	<b>26</b>

<b>FACULTY OF ALLIED AND HEALTHCARE SCIENCES</b> <b>BACHELOR OF PHYSIOTHERAPY</b>	<b>2021-2022</b>
--	------------------

**SEMESTER 8**

Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Core Course	BOP801	Physiotherapy in cardiovascular, pulmonary and intensive care	4	0	0	40	60	100	4
2	Core Course	BOP802	Community Physiotherapy	3	0	0	40	60	100	3
3	Core Course	BOP803	Administration and Teaching Skills	1	0	0	40	60	100	1
4	Core Course	BOP804	Community Medicine	3	0	0	40	60	100	3
5	Core Course	BOP805	Clinical Reasoning and Evidence Based Physiotherapy	2	0	0	40	60	100	2
6	Core Course	BOP806	Research Project	3	0	0	40	60	100	3
7	Core Course	BOP821	Physiotherapy in cardiovascular, pulmonary and intensive care - Practical	0	0	6	40	60	100	3
8	Core Course	BOP822	Community Physiotherapy - Practical	0	0	2	40	60	100	1
9	Core Course	BOP823	Administration and Teaching Skills - Practical	0	0	2	40	60	100	1
10	Core Course	BOP800	Clinical Education - V	0	0	12	40	60	100	6
<b>Total</b>				<b>14</b>	<b>0</b>	<b>22</b>	<b>400</b>	<b>600</b>	<b>1000</b>	<b>27</b>



SEMESTER 9										
Sr. No	Category	Course Code	Course Title	Hours per Week			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
1	Internship Training	BOP900	Internship	1248 hours			NA	NA	NA	S/US
Total										

#### 14. Internship Training:

- Internship is a core course, to be done typically after completion of final semester. A student should undergo compulsory internship training in the hospital starting after 8th semester. Students should have training in the multiple units as follows:
  - a) Physiotherapy OPD (University's OPD) including pediatric rehabilitation :1 month (208 Hrs.)
  - b) Cardiology and Cardiothoracic surgical unit :1 month (208 Hrs.)
  - c) Neurology and Neurosurgical unit and ICU :1 month (208 Hrs.)
  - d) Orthopedic unit :1 month (208 Hrs.)
  - e) Medicine Ward :1 month (208 Hrs.)
  - f) Surgical Ward including gynecology unit :1 month (208 Hrs.)

Training of 9th semester shall be graded and is essential part of the degree requirement.

- The students will be required to get their training activity and results reviewed by supervising faculty and organization in which they have attended the training. Each Faculty shall nominate training coordinator from amongst the faculty members. The training coordinator will scrutinize the training report and will award a satisfactory/unsatisfactory grade, which must be sent to the controller of examination office within one month.
- Satisfactory grade is defined as completion of 1248 internship training hours with 208 hours monthly in each specified department mentioned above and the satisfied activity report and results of the student in the internship training received from the concerned hospital duly signed and attested by the Physiotherapy Department Head of the hospital and Reviewed by the Training coordinator at the university.
- In case the training is considered to be unsatisfactory, an Unsatisfactory' grade will be awarded and the student shall have to undergo fresh internship training in part or full

duration as decided by the Dean of Applied Health Sciences. The internship training, submission of training report and obtaining satisfactory grade is mandatory requirement for award of BPT degree.

**15. Record/Log Books:** Each student will maintain a clinical log book with case report of minimum 2 patients in all the important domains (Neurology/CardioRespiratory/Pediatrics/Orthopedics/Musculoskeletal/Cancer Rehabilitation/Burns Unit/Gynecology/ General Surgery/Medicine) with proper assessment, evaluation, treatment protocols and progression data during their internship training. Student will submit the same to the clinical coordinator back at the university after successful completion of their Training. This will be mandatory for all the students.

**16. Clinical Practice:**

- During supervised clinical practice (learning and practice clinical skills under the supervision at the O.P.D., ICU and ward set ups) student should be able to successfully exhibit and execute the competencies in assessment, Functional diagnosis on ICF (International classification of Functioning) basis, plan of care and therapeutic interventions relating to musculoskeletal dysfunctions. Student should become familiar with performance of these skills in Outpatient department, ICU and wards as well as in camps. Student should learn to perform these skills objectively under the supervision of trained physical therapists. Student is required to keep a performance record of all listed competencies during the clinical practice and successfully perform on real patients during the final evaluation of the course.
- Students should observe and note technical aspects of applying electrotherapeutic modalities, basic movements and starting positions used therapeutic exercises, learn bedside manners and communication skills with the seniors, peers and patients.
- In supervised clinical practice students would be given clinical assignments involving treatment of patients and that would include Observation, Clinical History Taking & technical assistance to the clinicians, and work in the Electrotherapy Unit and Therapeutic Gymnasium.

**17. Examination/Evaluation System:** The evaluation system of the University shall be oriented to

encourage the academic qualities. The University follows two components to evaluate student's performance:

**Internal Assessment:** which is to be marked by respective teacher includes attendance, mid semester examination and other components (Assignment, Project, Flex Presentation, Model Preparation (Working or Still), Power Point Presentations on any topics from the specified subject). Practical Lab Continuous Assessment, case study, viva voce, MCQ Quiz, Objective Structured Long Examination Record (OSLER) carrying a weightage of 40%. The compulsory passing marks weightage will be 50% in Internal Assessment. This is applicable for all the courses (Theory + Practical).

**Practical Courses:** The examination/evaluation criteria of the practical courses shall be decided by the respective faculty member and wherever required on the availability of the external experts/visiting faculty. Faculty may set/design the practical exercises out of any marks but the overall weightage shall be in pre- defined percentage, which the concerned faculty/course coordinator shall announce in the first class of the semester and upload on the GU-MS. Methodology for evaluation of Lab component include Objective Structured Practical Examination / Objective Structured Clinical Examination. (OSPE /OSCE).

**External Assessment:** i.e., End Semester Examination, carrying a weightage of 60%, passing marks weightage will be 50%.

**End Semester Examination:** These examinations shall be conducted under Controller of Examination. The examination dates and schedule shall be released by the University's Controller of Examination.

- a) Similar division of marks may be created for special courses like Major Projects, seminars, term papers, internship etc. by respective faculty but same shall also be predefined.
- b) Every student has to score at least 50% marks each in Continuous Assessment (Internal Examination) and End Semester examination (External Examination). The pass percentage is 50% in Practical and Theory Both.
- c) Any student failing in either theory or practical of a particular subject will have to reappear in the same academic year. In any case if student does not pass the subject (Theory/Practical), he/she shall not be promoted to the next consecutive academic /degree year.

**Failing to meet Attendance Requirement:**

- a) A student is required to attend all the classes.
- b) If the attendance profile of a student is unsatisfactory, he/she will be debarred. Any student, who has been debarred due to attendance shortage, shall not be allowed to take the supplementary

Examination. The student shall have to register for the course in the regular semester when offered.

**17.5 Make-up Examinations for Mid Semester Examination:** A student may apply for a make-up examination where he/she is not able to attend the examination schedule due to reasons of personal medical condition or compassionate reason like death of a very close relative. No other contingencies are acceptable. Except in case of medical emergency, a student needs to seek advance approval from appropriate authority before missing the Examination.

**Theory Courses:**

- A student missing Mid Term Examination only shall be required to take a make-up Examination.
- The students must put-up the request for make-up Examination along with the medical documents to prove the genuineness of the case (for having missed the Examination) within 5 days of last date of Examination.
- The genuineness shall be reviewed and approved by the Vice Chancellor, whose decision shall be final.
- In case a student misses the make-up Examination also, then no further chance will be provided.
- The duration of Examination shall be as decided by the faculty member.
- Genuine approved cases shall be notified by the Controller of Examination based on the requests received and only such students shall be allowed to take make-up Examination in the subjects where approval has been granted.
- The date sheet need not be taken out as the makeup examination shall be conducted under arrangement concerned faculty, who after evaluation and sharing the evaluated answer sheet with student shall submit marks to the Controller of Examination.

**Makeup of End Semester Examination:** It is mandatory to appear the end semester major examination to obtain any grade for a course. A student who misses the end semester major examination shall follow a similar procedure as outlined above, to obtain approval of the Vice Chancellor to prove genuineness of the case. The student whose case is approved as genuine shall be awarded “I” Grade in the semester results in the given subject. The student shall be allowed to appear in the supplementary examination of the said subject. However, the grades shall be worked out by computing the marks obtained by students in Mid Term Exams, TA, Lab and supplementary examination (equated to the weightage of end semester examination). The total marks shall be compared with the marks of the class as in the regular semester for award of grade.

**Makeup of End Semester Viva of Projects:** It is mandatory to appear in the final Viva examination to obtain any grade for a project course. In case of student missing the same for genuine reasons; similar method as given for written examination of theory courses shall be followed.

**17.8 Procedure to be adopted by students in case of missing any of the specified Examination(s):**

Following procedure shall be adopted for establishing genuineness of the case.

**a. Action by the student (Medical Cases)**

- I. They should report absence from the Examination(s) by fastest possible means to the Controller of Examination. It could be email or written communication by speed post or sent by hand through any means. In case of Hosteller's, if a student falls sick while residing in the hostel, he/she should seek advice of the available qualified doctor.
- II. The said report should preferably be sent prior to the Examination, but not later than 5 days after the last date of the said Examination.
- III. The student should on rejoining:
  - a. Report to the Controller of Examination with complete medical documents to include referral/Prescription slip of the doctor specifically indicating the disease and medicine prescribed, investigation/Lab reports and discharge slip in case of admission should be provided.
  - b. Submit the Documents to the Controller of Examination, not later than 5 days after the last date of Examination.
- IV. In case delay beyond 5 days is anticipated the student should arrange for the medical documents to be sent to the University Medical Officer by hand through a friend / relative etc. and get the said genuineness deposit with the Controller of Examination.
- V. No request later than 5 days after the last date of Examination shall be accepted for reasons of ignorance or any other reasons.

**b. Action by students (any other reason)**

In case the student must miss Examination due to genuine reason other than medical, prior written sanction of Vice Chancellor and in his absence Dean is mandatory. No post facto requests shall be accepted in any case. The approval should be deposited with the Controller of Examination before the examination.

**18. Supplementary Examination:**

The supplementary examinations shall be held for each commiserating semester in December for Odd semester and May/June for Even semester respectively. For the final semester students, there is privilege to appear in the supplementary exams of all pervious semester.

**Re-appear:** Student with backlog of one semester will be carried forward to next semester of the same academic year. Re-appear examinations will be conducted twice in a year after ESE of every semester.

**Eligibility:** Student with 'F' grade is eligible to appear in the Supplementary Examination.

**Supplementary for Projects:** There shall be no supplementary examinations for the projects, except make up examination for missing the final viva as per rules outlined above.

**19. Grading System:** University follows eight letter grading system (A+, A, B+, B, C+, C, D, and F) that have grade points with values distributed on a 10-point scale for evaluating the performance of student.

**20.** The letter grades and the corresponding grade points on the 10-point scale are as given in the table below.

### 20.1

Academic Performance	Range of Marks	Grades	Grade Points
Outstanding	$\geq 90$	A+	10
Excellent	$\geq 80$ & $< 90$	A	9
Very Good	$\geq 70$ & $< 80$	B+	8
Good	$\geq 60$ & $< 70$	B	7
Fair	$\geq 50$ & $< 60$	C+	6
Average	$> 40$ & $< 50$	C	5
Minimally Acceptable	40	D	4
Fail	$< 40$	F	0
Incomplete		I	-
Withdrawal		W	-
Grade Awaited		GA	-
S-Satisfactory, US-Unsatisfactory Minor Project		S/US	-

### Description of Grades:

- A. D Grade:** The D grades stands for marginal performance, i.e. it is the minimum passing grade in any course. D grade shall not be awarded below 30% marks, though each teacher may set higher marks for same.
- B. F Grade:** The 'F' grade denotes a very poor performance, i.e., failing a course. A student has to repeat all courses in which she/he obtains 'F' grade, until a passing grade is obtained. In the case of 'F', no

Grade points are awarded. However, the credits of such courses shall be used as denominator for calculation of GPA or CGPA.

- C. **W Grade:** The 'W' grade is awarded to a student if he/she is allowed to withdraw for an entire Semester from the University on medical grounds for a period exceeding five weeks.
- D. **'I' Grade:** The 'I' grade is awarded when the student is allowed additional opportunity like make up Examination etc. based on which the grade is to be decided along with other components of the evaluation during the semester. An incomplete grade of 'I' may be given when an unforeseen emergency prevents a student from completing the work in a course. The 'I' must be converted to a performance grade (A to F) within 90 days after the first day of classes in the subsequent regular semester.
- E. **X Grade:** It is equivalent to Fail grade but awarded due to student falling below the laid down attendance requirement. Students having X grade shall be required to re-register for the course, when offered next.

**Cumulative Grade Point Average (CGPA),** it is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all Semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

NB: The CGPA can be converted to percentage by using the given formula:

$$\text{CGPA} \times 10 = \%$$

$$\text{e.g., } 7.8 \times 10 = 78\%$$

Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (Course title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

#### **21. General Rules: Examinations:**

- a) Showing the Answer Scripts: The answer scripts of all written Examinations i.e. Mid Term or end semester examination or any other written work conducted by a teacher shall be shown to the students. Students desirous of seeing the marked answer scripts of end Semester Examination, has to ensure their presence before results are declared, as per dates notified by the Controller of Examination.
- b) Marks/Answer Sheets of all other tests shall also be shared with the students and thus, there shall be no scrutiny of grades. However, before the grades are forwarded to Registrar/Controller of Examination, they should be displayed on GU-MS and time given to students, to discuss the same with respective faculty.
- c) No appeal shall be accepted for scrutiny of grades.

**d) Examination Fee for Supplementary.** A fee of **Rs.1000/-** per course or as decided by the Management from time to time will be charged from the students.

**22. Improvement of overall Score:** A candidate having CGPA < 5.5 and wishes to improve his/her overall score may do so within two academic years immediately after passing the degree program by reappearing into maximum four course(s)/subject(s). The improvement would be considered if and only if the CGPA becomes > 5.5.

**23. Program qualifying criteria:** For qualifying the Program every student is required to earn prescribed credits (i.e. 207). If any student fails to earn prescribed credits for the program, then he/she will get a chance to complete his/her Program in two more years than the actual duration of degree.

**24. Revision of Regulations, Curriculum and Syllabi:** The University may revise, amend, change or update the Regulations, Curriculum, Syllabus and Scheme of examinations through the Board of Studies and the Academic Council as and when required.

**25. Conditions for Award of a Degree:**

- a) Should complete the requirements of the Degree in maximum duration specified for the program. Semester withdrawals due to medical reasons are not counted in six years. However, forced withdrawal of students e.g. rustication or expulsion or nonattendance by student due to any other reasons, shall count in the maximum period of six years and minimum period of four years.
- b) Should have cleared all the foundational and core courses of the programs. In case of lateral entry students (direct entry into second year) the student should have completed the foundational/core courses/equivalent courses, as approved at the time of admission in the programs.



