

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



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

Vision

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

Mission

Bhaikaka University will

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

Regulations for conduct of Bachelor of Physiotherapy Program (BPT)

Discipline	Physiotherapy
Program	Bachelor of Physiotherapy [BPT]
Course	All Professional Years
Duration	5 years
Last Revised	Adapted from NCAHP with effect from 2026

NOTIFICATION

Subject: Regulations pertaining to Bachelor of Physiotherapy [BPT] Program

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

**By Order,
REGISTRAR**

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Curriculum - Bachelor of Physiotherapy - (5 years program)

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List of Abbreviations

AED	Automated External Defibrillator
AHP	Allied and Healthcare Professional
BLS	Basic Life Support
BMW	Bio Medical Waste
B Sc	Bachelor of Science
BVMs	Bag Valve Masks
CATS	Credit Accumulation and Transfer System
CBCS	Choice-Based Credit System
CbD	Case-based Discussion
CBSE	Central Board of Secondary Education
CNS	Central Nervous System
CPR	Cardiopulmonary Resuscitation
CPU	Central Processing Unit
CR	Confidential Report
CVS	Cardio Vascular System
DOPs	Direct observation of procedures
ECTS	European Credit Transfer System
ESR	Erythrocyte Sedimentation Rate
HSSC	Healthcare Sector Skill Council
ICT	Information & Communication Technology
JCI	Joint Commission International
LAN	Local Area Network
M CEX	Mini Case Evaluation Exercise
MoHFW	Ministry of Health and Family Welfare
NABH	National Accreditation Board for Hospitals & Healthcare Providers
NCRC	National Curricula Review Committee
NIAHS	National Initiative for Allied and Healthcare Sciences
NSDA	National Skills Development Agency
NSQF	National Skills Qualification Framework

OSCE	Objective Structured Clinical Examination
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OSPE	Objective Structured Practical Examination
OSLER	Objective Structured Long Examination Record
PCV	Packed Cell Volume
PPE	Personal Protective Equipment
PG	Post Graduate
TSU	Technical Support Unit
UGC	University Grants Commission
UG	Under Graduate
UHC	Universal Health Coverage
WHO	World Health Organization
WWW	World Wide Web

1. Eligibility for admission:

Selection Procedure:

- 1.1. Candidate must have passed Senior Secondary (10+2) or equivalent with Physics, Chemistry & Biology (or Botany & Zoology) with 50% aggregate with English pass. However, in respect of the candidates belonging to Scheduled Castes, Scheduled Tribes, or Other Backward Classes (NCL), the minimum marks obtained in Physics, Chemistry, and Biology are taken together in the qualifying examination shall be 40% marks instead of 50% marks for Unreserved and General-EWS Candidates. In respect of the PwBD/PWD candidates minimum marks in the qualifying examination in Physics, Chemistry, and Biology (or Botany & Zoology) taken together shall be 40% instead of 50%. English pass required for all categories.
- 1.2. The candidate must have appeared in the National Eligibility Entrance Test (NEET) conducted by National Testing Agency (NTA) for the academic year. However, there shall be no minimum qualifying marks or cut-off percentile requirement for application for the admission.
- 1.3. Admission on the basis of NEET Merit/Marks (with no cut-off marks or cut-off percentile for application) of the academic year of the admission.
- 1.4. Candidates who have studied abroad and have passed the equivalent qualification as determined by the Association of Indian Universities and Equivalence Committee of the NCAHP, and must fulfil the criteria as per points 1-3 above.
- 1.5. 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.
- 1.6. He/she has to furnish at the time of submission of application form, a certificate of Physical fitness from an Authorized Medical Attendant to ascertain that the candidate does not have any physical disability as per the guideline mentioned below
- 1.7. As per the Eligibility criteria described in Table 1, candidate can take admission on disability quota for BPT program.
 - i. *Guidelines regarding admission of students with “Specified Disabilities” under the Rights of Persons with Disabilities Act, 2016 with respect to admission in BPT Course*
 - a. **Note:** The “Certificate of Disability” shall be issued in accordance with the Rights of Persons with Disabilities Rules, 2017 notified in the Gazette of India by the Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (Divyangjan)] on 15th June 2017.
 - b. The extent of “specified disability” in a person shall be assessed in accordance with the “Guidelines for the purpose of assessing the extent of specified disability in a person included under the Rights of Persons with Disabilities Act, 2016 (49 of 2016)” notified in the Gazette of India by the Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (Divyangjan)] on 4th January 2018.
 - c. The minimum degree of disability should be 40% (Benchmark Disability) in

order to be eligible for availing reservation for persons with specified disability.

- d. The term 'Persons with Disabilities' (PwD) is to be used instead of the term 'Physically Handicapped' (PH).
 - e. Quota/ reservation policy as per the State Government norms to be followed by the State Council as applicable during allotment of seats.
 - f. Candidate who fails to attend the Medical Examination on the notified date(s) will forfeit the claim for admission and placement in the waiting list except permitted by the competent authority under special circumstances.
- 1.8. Medical fitness certificate is mandatory to submit and it is to be endorsed by Government medical officer
- 1.9. Reservation policy for admission in under graduate programs shall be as per the State/Centre Government norms.
- 1.10. Foreign students admission process in Under Graduate(UG):
- i. Foreign national students intending to study UG program in India, shall have to take equivalence certificate of eligibility certificate from respective State Allied and Healthcare Council.
 - ii. For Under Graduate admission of foreign national students, merit list will be based on University Entrance Exam.
 - iii. If eligibility criteria of admission is NEET appeared then the foreign national student is require to appear in NEET.
 - iv. Verification of Valid Visa and its duration of foreign national students, to be verified by respective institution & University before enrolling students for program.
- 1.11. The admission criteria shall be updated by the Commission from time to time.
- 1.12. Admission process shall be conducted by State/Union Territory/University.

Table 1: Eligibility criteria for ‘Persons with Disabilities’ (PwD) for admission to B.P.T.

Sr. No.	Disability Type	Benchmark Disabilities	Specified Disability	Eligible for Physiotherapy Course, Not Eligible for PH Quota	Eligible for Physiotherapy Course, Eligible for PH Quota	Not Eligible for Physiotherapy
1.	Physical Disabilities	A. Locomotor Disability including Condition (a-f)	a. Leprosy* cured person b. Cerebral Palsy** c. Dwarfism d. Muscular Dystrophy e. Acid attack victim f. Others*** such as Amputation, Poliomyelitis, etc.	Less than 40% disability	1. Lower Limb: 40-50% disability 2. Spine: 40-50% disability 3. Limbs &/Spine: 40-50% disability	• More than 50% for Lower Limb • Involvement of both Upper Limbs • Involvement of dominant Upper Limb • Involvement of Non-dominant Upper Limb • More than 50% for Spine • More than 50% for Combined for Limbs and spine
		* Attention should be paid to loss of sensations in fingers and hands, amputation, as well as involvement of eyes and corresponding recommendations be looked at. ** Attention should be paid to impairment of vision, hearing, cognitive function etc. and corresponding recommendations be looked at. *** Both hands intact, with intact sensations, sufficient strength and range of motion are essential to be considered eligible for BPT course.				
		B. Visual Impairment (*)	a. Blindness b. Low vision	Less than 40% disability (i.e. Category ‘0 (10%)’, ‘i (20%)’ & ‘ii (10%)’	-	Equal to or More than 40% Disability Category till and above
		C. Hearing Impairment@	a. Deaf b. Hard of hearing	Less than 40% Disability	-	Equal to or more than 40% Disability

		(*) Persons with Visual impairment / visual disability of more than 40% may be made eligible to pursue BPT Course and may be given reservation, subject to the condition that the visual disability is brought to a level of less than the benchmark of 40% with advanced low vision aids such as telescopes / magnifier etc. @ Persons with hearing disability of more than 40% may be made eligible to pursue BPT Course and may be given reservation, subject to the condition that the hearing disability is brought to a level of less than the benchmark of 40% with the aid of assistive devices. In addition to this, the individual should have a speech discrimination score of more than 60%.				
		D. Speech & language disability\$	a. Organic/ neurological causes	Less than 40% Disability	-	Equal to or more than 40% Disability
		\$ Persons with Speech Intelligibility Affected (SIA) shall be eligible to pursue BPT Courses, provided Speech Intelligibility Affected (SIA) score shall not exceed 3 (three), which is 40% or below. Persons with Aphasia shall be eligible to pursue BPT Courses, provided Aphasia Quotient (AQ) is 40% or below.				
2.	Intellectual disability		a. Specific learning disability (Perceptual disability, Dyslexia, Dyscalculia, Dyspraxia & Developmental aphasia)#	# Currently there is no Quantification scale available to assess the severity of SpLD, therefore the cut-off of 40% is arbitrary and more evidence is needed.		
				Less than 40% Disability	Equal to or more than 40% disability and equal to or less than 50%. But selection will be based on the learning competency evaluated with the help of the remediation/ assisted technology/ aids/ infrastructural changes by the Expert Panel.	More than 50% or severe nature or significant cognitive/ intellectual disability.

			b. Autism spectrum disorders	Absence or Mild Disability, Asperger syndrome (disability of upto 60% as per ISAA) where the individual is fit for BPT course by an expert panel.	Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	More than 60% disability or Presence of cognitive / intellectual disability and / or if the person is unfit for pursuing BPT course by an expert panel.
3.	Mental Behaviour		Mental illness	Absence or Mild Disability: less than 40% (under IDEAS)	Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the Benefit of reservation/quota may be considered in future after developing better methods of disability assessment.	Equal to or more than 40% disability or if the person is unfit to perform his/her duties. Standards may be drafted for the definition of “fitness to practice medicine”, as are used by several institutions of countries other than India.
4.	Disability caused due to	a. Chronic Neurological Conditions	i. Multiple Sclerosis	Less than 40% Disability	40-50% disability	More than 50%
			ii. Parkinsonism			
		b. Blood Disorder	i. Hemophilia	Less than 40% Disability	40-50% disability	More than 50%
			ii. Thalassemia			
			iii. Sickle cell disease			

5.	Multiple disabilities including deaf blindness		More than one of the above specified disabilities	Must consider all above while deciding in individual cases recommendations with respect to presence any of the above, namely, Visual, Hearing, Speech & Language disability, Intellectual Disability, and Mental Illness as a component of Multiple Disability. Combining Formula as notified by the related Gazette Notification issued by the Govt. of India $a + \frac{b(90-a)}{90}$ (where a= higher value of disability % and b=lower value of disability % as calculated for different disabilities) is recommended for computing the disability arising when more than one disabling condition is present in a given individual. This formula may be used in cases with multiple disabilities, and recommendations regarding admission and/or reservation made as per the specific disabilities present in a given individual.
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2. Duration of the course:

2.1. **Annual Pattern:** 4 years [38 weeks per year x 6 days per week x 7 hrs. per day minimum) academic training, excluding internal and University examination, extracurricular activities, Public Holidays and Vacations

2.2. Internship program: 01-year full time rotatory internship program.

3. Medium of instruction:

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

4. 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.

5. Attendance:

- i. A candidate has to secure minimum-
 - a. 75% attendance in theory subjects.
 - b. 85% in Skills training (practical) for qualifying to appear for the final examination.
- ii. No relaxation, whatsoever, will be permissible to this rule under any ground including indisposition etc.

6. Assessment:

- 6.1. 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
- 6.2. 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.
- 6.3. Each paper shall have 20% Internal Assessment and 80% marks for University/External Examination. The internal assessment weightage will be based on following criteria depicted in Table 2:

Table 2: The internal assessment weightage criteria

	% of the total marks of the internal assessment	
i) Written/Assignment/Project Work, attendance etc.	40%	
ii) Two Mid-term Tests	60% (Best of two mid-term tests)	

7. Commencement of the course -

The course shall commence not later than 1st September of an academic year.

8. 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/supplementary examination in an academic year.

9. Promotion criteria

- 9.1. 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
- 9.2. 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.**
- 9.3. Only after passing all the subjects of all the four years, he/she will be allowed to undergo internship.

10. Review of answer papers of failed candidates -

As per the regulations prescribed for review of answer papers by the Commission/ University.

11. Re-admission after break of study -

- 11.1 Candidates having a break of study of five years and above from the date of admission and more than two spells of break will not be considered for readmission
- 11.2 The five years period of break of study shall be calculated from the date of first admission of the candidate to the course for the subsequent spells of break of study
- 11.3 Candidates having a break of study shall be considered for re admission provided that they are not subjected to any disciplinary action and no charges are pending or contemplated against them.
- 11.4 All re admissions of candidates are subject to the approval of a duly empowered committee of university constituted by the Vice Chancellor.
- 11.5 The candidates having a break of study of up to five years shall apply for readmission to the appropriate authority of the University. The candidates shall be granted exemption in the subjects they have already passed.

12. Maximum duration of the program -

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

12.2. Discharge from the program –

- 1. “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.”
- 2. “In respect of courses where internship is prescribed and if a student is for any reason 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.
- 3. “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. The Controller of Examinations will admit such candidate to the University examinations only after their producing an undertaking (as per format given in students’ manual) to this effect.”

13. Migration/transfer of candidates -

Migration/transfers of candidates up to second year is allowed between government college to government college. For private colleges Migration/transfers shall be done as per the norms of the concerned University.

14. Vacation -

The Head of the Institution/University may declare a maximum of 30 days of vacation (summer, winter leaves) in an academic year to the students. The period(s) of vacation can be decided by the Head of the Institution/University.

15. Internship -

- 15.1. 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.
- 15.2. Teaching institute shall be responsible for ensuring the internship of the students in the hospital of the institute or affiliated /approved hospitals.
- 15.3. During the period of internships, stipend amount must be paid to the students by the institute as prescribed by the State Council.
- 15.4. Up to 4 months of the internship duration can be completed as externship in an institute approved by the State Council.
- 15.5. 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.
- 15.6. 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.
- 15.7. At the end of the Internship, a log book as prescribed in the Curriculum, duly signed by the Principal of the concerned Institute, must be preserved in the Institute.

16. Classification of successful candidates -

A successful candidate

- 16.1. 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;
- 16.2. 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';
- 16.3. 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
- 16.4. All other successful candidates shall be declared to have PASSED the examinations.

17. Scheme of examination -

17.1. Regular periodic examinations shall be conducted throughout the course. There shall be no less than two internal assessment examinations, their weightage is as shown in Table 3.

Table 3: Weightage of the Internal and External Exams

Year	Internal exam 20% weightage	Final 80 % weightage
1st year	Internal 1	University exam 1
	Internal 2	
2nd year	Internal 1	University exam 2
	Internal 2	
3rd year	Internal 1	University exam 3
	Internal 2	
4 th year	Internal 1	University exam 4
	Internal 2	

17.2. 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.

17.3. The results of Internal Assessment should be displayed on the notice board within a 1-2 week of the test. Summative assessment consists of university examinations.

18. Designing of question paper -

Designing of question paper should take into consideration all levels of knowledge domain e.g. Bloom's taxonomy of cognitive domain. Use appropriate verbs for the questions at each level to assess higher levels of learning and applied knowledge of the subject. Use combination of various types of questions e.g. structured essays (Long Answer Questions - LAQ), Short Answers Questions (SAQ) and objective type questions (e.g. Multiple Choice Questions - MCQ). Marks for each part should be indicated separately. MCQs, if used, should not have more than 20% weightage. The question paper should be evenly distributed to cover all the sections appropriately from competencies.

19. Level Suggested Verbs -

Verbs in various levels as per Bloom's taxonomy as seen in *Syllabus BPT NCAHP Table 8*.

20. Weightage of Levels of Taxonomy for effective learning experience of B.P.T. Graduates -

Bloom's Taxonomy helps Physiotherapy educators create learning goals that cover a range of skills, from basic recall to critical thinking and problem-solving. The six hierarchical levels representing cognitive skills are depicted with their weighted percentage for effective learning experience for a B.P.T. graduate in Table 4.

Table 4: Weightage of Levels of Taxonomy for effective learning experience for BPT Graduates

Level	Total
Knowledge	20%
Comprehension	20%
Application	20%
Analysis	10%
Synthesis	10%
Evaluation	10%

21. Practical/Clinical examination -

- 21.1. Include assessment in psychomotor and effective domain. Assessment of clinical and procedural skills should be based on direct observations by the examiners.
- 21.2. 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, where applicable.
- 21.3. 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.
- 21.4. 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 / examiners of same university.

22. Proposed Question Paper Style: BPT -

22.1. Theory paper

- i. **Duration: 3 Hours**
- ii. **Total Marks: 80**
- iii. **Format:**

a. Section-I

- Que. 1 Long Answer $2 \times 10 = 20$ (Any 2 out of 3)
- Que. 2 Short Answer $2 \times 05 = 10$ (Any 2 out of 3)
- Que. 3 Very Short Answer $5 \times 02 = 10$ (Any 5 out of 6)

b. Section-II

- Que. 4 Long Answer $1 \times 15 = 15$ (Any 1 out of 2)
- Que.5 Short Answer $3 \times 05 = 15$ (Any 3 out of 4)
- Que. 6 MCQ $1 \times 10 = 10$

22.2. Practical Examination (University)

- i. **Total Marks: 80**
- ii. **Format:** On the basis of
 - a. OSPE / OSCE,
 - b. Viva,
 - c. Case presentation.

23. Credit and grading and Transcript

- 23.1. 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.
- 23.2. 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 or clinical (1 credit course = 30 hours)
 - iii. CR - One credit for every three hours of field work 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.

24. Marks equivalence table Grades and Grade Points

Table 5: 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	

- 24.1. 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
- 24.2. 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.
- 24.3. 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
- 24.4. **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):
- 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.

$$AGPA (Si) = \sum(Ci \times Gi) / \sum Ci$$

where Ci is the number of credits of the ith course and Gi is the grade point scored by the student in the ith course. Format for Transcripts and Illustration of Computation of AGPA based on Total credits of a year is shown in Table 6.

- 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.

$$CGPA = \sum(Ci \times Si) / \sum Ci$$

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 7.

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

Table 6: 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 7, after deriving year wise AGPA and rounded off to 2 decimal points and reported in the transcripts.

Table 7: 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			

25. Scheme of study [Minimum Hours]

25.1. Minimum Available hour per week = 38 [6 days x 7 Hours = 42]

25.2. Minimum Duration of year = 220 days

25.3. Max.Vacation per year- 30 days.

25.4. Minimum teaching hours per year = 1560

25.5. 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