

VMRF DU – YEAR OF ESTABLISHMENT: 2001
BACHELOR OF PHYSIOTHERAPY (B.P.T.) DEGREE PROGRAMME

S. No	CONTENTS	PAGE NO
1.	SHORT TITLE AND COMMENCEMENT	2
2.	PREAMBLE	2
3.	DEFINITION AND NOMENCLATURE	3
4.	PROGRAM OUTCOMES & OBJECTIVES	4
5.	DURATION OF THE PROGRAM	5
6.	MEDIUM OF INSTRUCTION	5
7.	FEES STRUCTURE	5
8.	ADMISSION ELIGIBILITY	5
9.	ADMISSION PROCEDURE	5
10.	REGISTRATION	5
11.	COMMENCEMENT OF THE PROGRAM	5
12.	WORKING DAYS IN AN ACADEMIC YEAR	5
13.	MIGRATION/TRANSFER OF CANDIDATES	6
14.	BREAK OF STUDY	6
15.	PROCEDURE FOR RE-JOINING AFTER BREAK OF STUDY	6
16.	PROGRAM STRUCTURE	7
17.	EXAMINATIONS	30
18.	CLASSIFICATION OF SUCCESSFUL CANDIDATES (COURSEWISE)	34
19.	CRITERIA FOR THE AWARD OF DEGREE	34
20.	CLASSIFICATION OF SUCCESSFUL CANDIDATES (PROGRAMWISE)	34
21.	RANKING	35
22.	VACATION	35
23.	ADOPTION OF SWAYAM	35
24.	MODIFICATION OF REGULATIONS	35
25.	ANNEXURES	36

BACHELOR OF PHYSIOTHERAPY (B.P.T.)
DEGREE PROGRAMME REGULATIONS

In exercise of the powers conferred by the Memorandum of Association and Bye Laws of the Vinayaka Mission's Research Foundation (Deemed to be University), Salem, the Academic Council of the University based on the recommendations of the concerned Board of Studies hereby issue the following regulations pertaining to the Under Graduate programme for the award of the degree of Bachelor of Physiotherapy (B.P.T.) at this University.

1. TITLE AND COMMENCEMENT

These regulations shall be called as "Bachelor of Physiotherapy (B.P.T.) Degree Programme Regulations 2019" or simply called as 'B.P.T.R 2019' of the Vinayaka Mission's Research Foundation (Deemed to be University).

This regulation will come into effect from the Academic Year 2019-20 with the approval of the Academic Council based on the recommendations of Board of Studies and modifications as may be approved by the authorities of the University from time to time.

2. PREAMBLE

The degree of Bachelor of Physiotherapy (B.P.T.) under Faculty of Physiotherapy shall be awarded to a candidate who, as per these regulations, has successfully undergone the programme, passed the prescribed examinations and thereby qualified to receive the degree.

The programme shall run on choice based credit system (CBCS).

- The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising Core, Ability enhancement and Generic/Discipline specific elective courses.
- The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India.
- This will benefit the students to move across institutions within India to begin with and across countries.
- The uniform grading system will also enable potential employers in assessing the performance of the candidates.
- It will bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations.

3. DEFINITION AND NOMENCLATURE

- i. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- ii. **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses).
- iii. **Course:** Usually referred as paper which is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.
- iv. **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.
- v. **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.
- vi. **Credit Point:** It is the product of grade point and number of credits for a course.
- vii. **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O++,O+,O, A++,A+, A, B+, B, C and RA
- viii. **First Attempt:** A student who has completed all formalities of the semester becomes eligible to attend the examinations and has passed in first sitting: such attempt shall be treated as first attempt.
- ix. **Programme:** An educational programme leading to award of a Degree, diploma or certificate.
- xi. **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

xii. **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.

xiii. **Semester:** Each semester will consist of 100 working days. The odd semester may be scheduled from September to February and even semester from March to August.

4. PROGRAM OUTCOMES & OBJECTIVES

i) Program Outcomes

The graduate who completes the program successfully will be a Competent and reflective autonomous physiotherapy practitioner who can function safely and effectively while adhering to legal, ethical and professional standards of practice based on research evidence in a multitude of physiotherapy settings for patients and clients across the lifespan and along the continuum of care from wellness & prevention to rehabilitation of dysfunction with lifelong commitment to learning and professional development.

ii) Program Objectives

The aims of the recommended curriculum are to produce Physiotherapists who are

- Technically and clinically competent for independent decision making;
- Competent to examine, evaluate, diagnose, plan, execute and document using Physiotherapeutic methods independently.
- Aware of patient conditions and treatment along with the importance of quality assurance;
- Able to understand the theoretical basis for evidence based practice & provide effective patient education.
- Effective members of the multidisciplinary team;
- Prepared to participate in or initiate research into practice;

5. DURATION OF THE PROGRAMME

The duration of the program is 4½ years with 8 academic semesters and six months of compulsory rotatory internship.

The maximum duration permitted for a candidate to complete the Bachelor of Physiotherapy degree program is eight years from the date of joining the program.

6. MEDIUM OF INSTRUCTION:

The medium of instruction for all the courses of study and for examination of the program shall be English.

7. FEE STRUCTURE

The fee structure of this programme shall be fixed by the Committee appointed for this purpose by VMRF (DU) from time to time.

8. ADMISSION ELIGIBILITY:

Candidates belonging to all categories for admission to Bachelor of Physiotherapy program should have passed H.Sc. examination after a period of 12 years of study with following subjects (Physics, Chemistry & Biology / Botany & Zoology) or Pre degree passed with Science subjects or equivalent there-to

9. ADMISSION PROCEDURE

Admissions are made purely based on the merit in the Qualifying examination for the program.

10. REGISTRATION

A candidate admitted to the program shall register with this University by remitting the prescribed fees along with the application form for registration duly filled in and forwarded to this University through the Head of the Institution within 40 days from the date of admission.

11. COMMENCEMENT OF THE PROGRAM

The program shall commence not later than 10th September of an academic year.

The candidates are admitted only up to 30th September and shall be registered to take up their first semester examination during February of the next year.

12. WORKING DAYS DURING THE SEMESTER

Each semester shall consist not less than 100 working days.

13. MIGRATION/TRANSFER OF CANDIDATES

Migration/Transfer of candidates shall be granted as per the regulations of Vinayaka Mission's Research Foundation – Deemed to be University, subject to the approval of the Vice Chancellor.

14. BREAK OF STUDY

- i) Break of study may be permitted for genuine reasons like serious health problems and calamitous family situations. The Vice-Chancellor and Head of the institution are vested with the power to grant permission to rejoin after the break of study for which the candidate must apply and enclose necessary supporting documents and fee through his/her Head of the institution, sufficiently ahead of the proposed period of break. A break of study may cast for a period of less than 6 months or more than 6 months up to five years
- ii) The Head of the institution shall approve the break of study if the period is less than 6 months
- iii) In case, the break of study is more than 6 months up to five years, then the candidate shall obtain the prior approval from the Vice-Chancellor based on the recommendations of Head of the institution.
- iv) The period of break of study of the candidate for rejoining the programme shall be calculated from the date of commencement of the first discontinuance of the programme.
- v) A maximum two spells of break of study for Bachelor of Physiotherapy programme shall be allowed for the entire duration of the programme. Any further break of study shall entail the candidate to be de-registered and his/her admission stands cancelled.

15. PROCEDURE FOR REJOINING AFTER BREAK OF STUDY

For Bachelor of Physiotherapy Degree programme the Candidate having availed a break of study between 6months to 5 years shall apply for rejoining the programme in the prescribed form as in (ANNEXURE - I) by remitting the stipulated fee for condonation of break of study to the VMRF(DU) through the Head of the Institution of the concerned college for issue of necessary permission to rejoin the programme. The concerned Head of the Institution of the College shall not permit any candidate with a Break of study as stipulated above to rejoin the programme without obtaining the prior permission from the authorities of the VMRF(DU).

All the Bachelor of Physiotherapy Students shall execute a declaration at the time of registration with this university in this regard in the prescribed form as in ANNEXURE–II.

16. PROGRAM STRUCTURE

The program duration is 4 & ½ years. The first four years consist of two semesters each and the last six months will be the Internship period.

An academic year consists of two semesters.

UG (BPT)	Odd semester	Even semester
	September - February	March to August
	1 st , 3 rd , 5 th and 7 th semesters	2 nd , 4 th , 6 th and 8 th semesters

TYPES OF COURSES:

Courses in the programme may be of three kinds:

Core Course

Elective Course

Ability Enhancement Course

CORE COURSE: A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course. There may be a **Core Course** in every semester. This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study. The student will have to appear for University examinations for these courses.

ELECTIVE COURSE: Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

Discipline Specific Elective (DSE) Course: Elective courses offered by the main discipline/subject of study are referred to as Discipline Specific Elective. The University / Institute may also offer discipline related Elective courses of interdisciplinary nature. An elective may be "**Discipline Specific Electives (DSE)**" focusing on those courses which add generic proficiency to the students.

Generic Elective (GE) Course: An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

The student will have to appear for examinations at College level for these courses.

ABILITY ENHANCEMENT COURSES (AEC): The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

Ability Enhancement Compulsory Courses (AECC): These are the courses based upon the content that leads to Knowledge enhancement.

Skill Enhancement Courses (SEC): SEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, Indian and foreign languages etc. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

The student will have to appear for examinations at College level for these courses.

CALENDAR OF EVENTS

The calendar of events in respect of the program for each respective academic year shall be determined and notified by the university from time to time. The examinations shall be conducted at the end of each semester.

LIST OF CORE COURSES OFFERED BY VMRFDU FOR BPT PROGRAM

Sl .No	Program year	Odd Semester	Even Semester
1.	First year	1st semester – Core courses	2nd semester – Core courses
		1.Human Anatomy – I 2.Human Physiology-I 3. Sociology	1.Human Anatomy – II 2.Human Physiology –II 3.Psychology
2.	Second year	3rd semester – Core courses	4th semester – Core courses
		1..Biomechanics – I 2 Microbiology & Pathology 3.Biochemistry & Pharmacology	1.General Medicine , General Surgery & Paediatrics 2. Exercise therapy – I 3.Biomechanics –II
3.	Third year	5th semester – Core courses	6th semester – Core courses
		1.Exercisetherapy-II 2.Electrophysical Agents - I 3.Physiotherapy in General Medicine , General Surgery & Paediatrics	1. Electrophysical Agents – II 2.Clinical Orthopaedics & Traumatology 3. Clinical Neurology & Neurosurgery
4.	Fourth year	7th semester – Core courses	8th semester – Core courses
		1. Clinical Cardio Pulmonary Medicine & Surgery 2. Physiotherapy in Neurology & Neurosurgery 3. Physiotherapy in Orthopaedics & Traumatology 4.Community & Geriatric Medicine	1.Physiotherapy in Cardio Pulmonary Medicine & Surgery 2. Community & Geriatric Physiotherapy 3. Physiotherapeutics 4. Project
5.	Fifth year	Six months compulsory rotatory internship	

LIST OF ABILITY ENHANCEMENT COURSE OFFERED BY VMRF DU FOR BPT PROGRAM (Compulsory)

ABILITY ENHANCEMENT COURSES

Semester	Title	Credits
First	Basics of English	2
Second	Environmental Science	3
Third	Communication & Soft Skills	2
Fourth	Research Methodology & Biostatistics	2
Fourth	Physiotherapy – Ethics & Law	2
Seventh	Clinical Reasoning & Evidence Based Practice	2

SKILL ENHANCEMENT COURSES

LIST OF SKILL ENHANCEMENT COURSE OFFERED BY VMRF DU FOR BPT PROGRAM (COMPULSORY)		
Semester	Title	Credits
Fourth	Acupuncture & Acupressure	2
Fifth	Basics of Computer & Information science	2
Sixth	First aid and Emergency Management	2
Seventh	Radiology & Imaging	2
Eighth	Electro physiology and Diagnosis	2

DISCIPLINE SPECIFIC ELECTIVE COURSES AND GENERIC ELECTIVE COURSES

LIST OF DISCIPLINE SPECIFIC ELECTIVE (DSE) AND GENERIC ELECTIVE (GE)		
COURSE OFFERED FOR BPT PROGRAM		
z	Course Title	Credits
1st	Orientation to Physiotherapy and Rehabilitation	2
	Personality development & Stress management	
	Team building & Leadership	
2nd	Medical terminology & Record keeping	2
	Counselling & Guidance	
	Basics of Nursing	
3rd	Yoga therapy	2
	Naturopathy	
	Biomedical waste management	
4th	Public health & Hygiene	2
	Infection prevention & Control	
	Hospital management	
5th	Diet & Nutrition	2
	Life style disorders	
	Fundamentals of Occupational health	
6th	Biofeedback	2
	Exercise Physiology	
	Health & Fitness	
7th	Occupational and Speech therapy	2
	Fundamentals of Physical education	
	Ergonomics	
8th	Prosthetics & Orthotics	2
	Physiotherapy in Veterinary sciences	
	Administration, Supervision & Teaching skills	

DISTRIBUTION OF CREDITS AND COURSE HOURS

1st year – 1st semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	Human Anatomy - I	150	90	60	6	4	6	2	8
	Human Physiology- I	120	90	30	6	2	6	1	7
	Sociology	45	45	0	3	0	3	0	3
(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Basics of English	30	30	0	2	0	2	0	2
Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Orientation to Physiotherapy and Rehabilitation	30	30	0	2	0	2	0	2
	Personality development & Stress management	30	30	0	2	0	2	0	
	Team building & Leadership	30	30	0	2	0	2	0	
Clinical /Others									
	Clinical observation	60	0	60	0	4	0	2	2
	Total hours / credit	445							24

1st year – 2nd semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	Human Anatomy - II	150	90	60	6	4	6	2	8
	Human Physiology - II	120	60	60	4	4	4	2	6
	Psychology	45	45	0	3	0	3	0	3

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Environmental Science	60	30	30	2	2	2	1	3

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Medical terminology & Record keeping	30	30	0	2	0	2	0	2
	Counseling and Guidance	30	30	0	2	0	2	0	
	Basics of Nursing	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical observation	60	0	60	0	4	0	2	2
	Total hours / credit	480							25

2nd Year - 3rd Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits	
		Total	L	P	L	P	L	P		
Core subjects										
	Biomechanics -I	120	90	30	6	2	6	1	7	
	Microbiology & Pathology	A	45	45	0	3	0	3	0	6
		B	45	45	0	3	0	3	0	(3+3)
	Biochemistry & Pharmacology	A	45	45	0	3	0	3	0	6
		B	45	45	0	3	0	3	0	(3+3)

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Communication & Soft Skills	30	30	0	2	0	2	0	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Yoga therapy	45	15	30	1	2	1	1	2
	Naturopathy	30	30	0	30	0	2	0	
	Biomedical waste management	30	30	0	30	0	2	0	
Clinical / Others									
	Clinical Observation	60	0	60	0	4	0	2	2
	Total hours / credit	435							25

2nd year - 4th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	General Medicine , General Surgery & Paediatrics	120	90	30	6	2	6	1	7
	Exercise therapy – I	120	60	60	4	4	4	2	6
	Biomechanics - II	120	90	30	6	2	6	1	7

(Ability Enhancement/ Skill Enhancement– Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Acupuncture/Acupressure	45	15	30	1	2	1	1	2
	Research Methodology & Biostatistics	30	30	0	2	0	2	0	2
	Physiotherapy – Ethics & Law	30	30	0	2	0	2	0	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Public Health & Hygiene	30	30	0	2	0	2	0	2
	Infection Prevention and Control	30	30	0	2	0	2	0	2
	Hospital management	30	30	0	2	0	2	0	2
Clinical / Others									
	Clinical Education / Training	90	0	90	0	6	0	3	3
	Total hours / credit	585							31

3rd year - 5th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	Exercise therapy - II	150	60	90	4	6	4	3	7
	Electrotherapy -I	120	60	60	4	4	4	2	6
	Physiotherapy in General Medicine , General Surgery & Paediatrics	120	60	60	4	4	4	2	6

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Basics in Computer and Information Science	45	15	30	1	2	1	1	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Diet & Nutrition	30	30	0	2	0	2	0	2
	Life style Disorders	30	30	0	2	0	2	0	
	Fundamentals of Occupational Health	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical Education / Training	120	0	120	0	8	0	4	4
	Total hours / credit	585							27

3rd year - 6th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	Electrotherapy -II	120	60	60	4	4	4	2	6
	Clinical Orthopaedics & Traumatology	90	60	30	4	2	4	1	5
	Clinical Neurology & Neurosurgery	90	60	30	4	2	4	1	5

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	First Aid & Emergency Management	45	15	30	1	2	1	1	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Biofeedback	45	15	30	1	2	1	2	2
	Exercise Physiology	30	30	0	2	0	2	0	
	Health & Fitness	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical Education / Training	210	0	210	0	14	0	7	7
	Total hours / credit	600							27

4th year - 7th Semester

Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
Core subjects									
	Clinical Cardio Pulmonary Medicine & Surgery	90	60	30	4	2	4	1	5
	Physiotherapy in Neurology & Neuro Surgery	120	60	60	4	4	4	2	6
	Physiotherapy In Orthopaedics & Traumatology	120	60	60	4	4	4	2	6
	Community & Geriatric Medicine	60	60	0	4	0	4	0	4
(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Radiology & Imaging	45	15	30	1	2	1	1	2
	Clinical Reasoning & Evidence Based Practice	30	30	0	2	0	2	0	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Occupational and Speech therapy	30	30	0	2	0	2	0	2
	Fundamentals of Physical education	30	30	0	2	0	2	0	
	Ergonomics	30	30	0	2	0	2	0	
Clinical / Others									
	Clinical Education / Training	120	0	120	0	8	0	4	4
	Total hours / credit	570							31

4th year - 8th Semester

Core subjects									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits
		Total	L	P	L	P	L	P	
	Physiotherapy in Cardio Pulmonary Medicine & Surgery	120	60	60	4	4	4	2	6
	Community & Geriatric Physiotherapy	120	60	60	4	4	4	2	6
	Physiotherapeutics	120	60	60	4	4	4	2	6
	Project	30	30	0	2	0	2	0	2

(Ability Enhancement/ Skill Enhancement – Compulsory)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Electro Physiology and Diagnosis	45	15	30	1	2	1	1	2

Discipline Based Elective Subject (Minimum one)									
Course No	Course title	Hours per semester			Hours/week		Credits		Total credits (Max)
		Total	L	P	L	P	L	P	
	Prosthetics & Orthotics	45	15	30	1	2	1	1	2
	Physiotherapy in Veterinary sciences	45	15	30	1	2	1	1	
	Administration, Supervision & Teaching skills	45	15	30	1	2	1	1	
Clinical / Others									
	Clinical Education / Training	120	0	120	0	8	0	4	4
	Total hours / credit	600							28

CREDITS FOR VARIOUS COMPONENTS OF ACADEMIC TRAINING

	Hours spend	Credit
Lecture – L	1 Hour	1 credit
Tutorial – T	1 Hour	1 credit
Practical / lab – P	2 Hour	1 credit
Clinical training/posting/field training – CT/CP	2 Hour	1 credit
Project / Research work	2 hours	1 credit
Internship- compulsory rotatory internship training- INT***	2 hours	1 credit

DETAILS OF CLINICAL DEPARTMENT TRAINING DURING INTERNSHIP

(6 months / 180 days)

Sl. No	Department	No of days	Credits
1.	Orthopaedic Physiotherapy	30 Days	Total credit for internship = 42 *
2.	Sports Physiotherapy	15 days	
3.	Neurological Physiotherapy	30 days	
4.	Paediatric Physiotherapy	15 days	
5.	Cardio Respiratory Physiotherapy	30 days	
6.	Community PT & Geriatric Care	15 days	
7.	Women's Health Physiotherapy	15 days	
8.	Oncology Physiotherapy	15 days	
9.	Critical care Physiotherapy (IMCU/ISCU/ICCU)	15 days	
	Total	180 days	

DETAILS OF CREDITS FOR COMPULSORY ROTATORY INTERNSHIP.

Compulsory Rotatory Clinical Internship		
Total days	Hours per day	Total hours of practice
180 days (6 months)	7	1260
Details of Credits for internship		
		Total credits
For internship 30 course hours = 1 credit		42 credits
Total hours = 1260		
Internship credit = (1260 hours / 30 hours) = 42 credits		

INTERNSHIP

All students of Bachelor of Physiotherapy must undergo a compulsory rotatory internship for a continuous period of 6 months approved by the college after passing all examinations in all courses.

COURSE WISE DISTRIBUTION OF MARKS

Semester- I

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Human Anatomy - I	50	100	50	--	200
2.	Paper-II	Human Physiology – I	50	100	50	--	200
3.	Paper - III	Sociology	50	50	--	--	100
Ability Enhancement - AEC (Compulsory)							
4.	Paper-IV	Basics of English	10	40	--	--	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
5.	Paper-V	Orientation to Physiotherapy and Rehabilitation	10	40	--	--	50
6.	Paper-VI	Personality development & Stress management	10	40	--	--	50
7.	Paper-VII	Team building & Leadership	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- II

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Human Anatomy - II	50	100	50	-	200
2.	Paper-II	Human Physiology - II	50	100	50	-	200
3	Paper-III	Psychology	50	50	--	--	100
Ability Enhancement - AEC (Compulsory)							
4.	Paper-IV	Environmental Science	25	75	--	--	100
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
5.	Paper-V	Medical terminology & Record Keeping	10	40	--	--	50
6.	Paper-VI	Counseling and Guidance	10	40	--	--	50
7.	Paper-VII	Basics of Nursing	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- III

COURSE WISE DISTRIBUTION OF MARKS							
SL No	Paper	Core Courses Course	Internal assessment	University / College examination			Grand total
				T	V	P	
1.	Paper-I	Biomechanics - I	50	100	--	--	150
2.	Paper-II	Microbiology & Pathology	50	100	--	--	150
3.	Paper-III	Biochemistry & Pharmacology	50	100	--	--	150
Ability Enhancement - AEC (Compulsory)							
4.	Paper-IV	Communication & Soft Skills	10	40	--	--	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
5.	Paper-V	Yoga therapy	10	40	--	--	50
6.	Paper-VI	Naturopathy	10	40	--	--	50
7.	Paper-VII	Biomedical waste management	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- IV

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Exercise therapy -I	50	100	25	75	250
2.	Paper-II	General Medicine , General Surgery & Paediatrics	50	100	--	--	150
3.	Paper- III	Biomechanics - II	50	100	--	--	150
Ability Enhancement /Skill Enhancement – AEC/SEC (Compulsory)							
4.	Paper-IV	Acupuncture & Acupressure	10	20	--	20	50
5.	Paper –V	Research Methodology & Biostatistics	10	40	--	--	50
6.	Paper - VI	Physiotherapy – Ethics & Law	10	40	--	--	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
7.	Paper-VII	Public health and Hygiene	10	40	--	--	50
8.	Paper-VIII	Infection Prevention and Control	10	40	--	--	50
9.	Paper-IX	Hospital management	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- V

COURSE WISE DISTRIBUTION OF MARKS							
SL No	Paper	Core Courses	Internal assessment	University / College examination			Grand total
				T	V	P	
1.	Paper-I	Exercise therapy -II	50	100	25	75	250
2.	Paper-II	Electrotherapy - I	50	100	25	75	250
3.	Paper-III	Physiotherapy in General Medicine , General Surgery & Paediatrics	50	100	25	75	250
Ability Enhancement/ Skill Enhancement – AEC/SEC (Compulsory)							
4.	Paper-IV	Basics of Computer & Information science	10	20	--	20	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
5.	Paper-V	Diet & Nutrition	10	40	--	--	50
6.	Paper-VI	Life style Disorders	10	40	--	--	50
7.	Paper-VII	Fundamentals of Occupational Health	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- VI

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Electrotherapy -II	50	100	25	75	250
2.	Paper-II	Clinical Orthopaedics & Traumatology	50	100	50	--	200
3.	Paper-III	Clinical Neurology & Neuro Surgery	50	100	50	--	200
Ability Enhancement/ Skill Enhancement – AEC/SEC (Compulsory)							
4.	Paper-V	First Aid & Emergency Management	10	20	--	20	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
5.	Paper-VI	Biofeedback	10	40	--	-	50
6.	Paper-VII	Exercise Physiology	10	40	--	--	50
7.	Paper-VIII	Health and Fitness	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- VII

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Clinical Cardio Pulmonary Medicine & Surgery	50	100	50	--	200
2.	Paper-II	Physiotherapy in Neurology & Neurosurgery	50	100	25	75	250
3.	Paper-III	Physiotherapy in Orthopaedics & Traumatology	50	100	25	75	250
4.	Paper-IV	Community & Geriatric Medicine	50	100	--	--	150
Ability Enhancement/ Skill Enhancement – AEC/SEC (Compulsory)							
5.	Paper-IV	Radiology & Imaging	10	20	--	20	50
6.	Paper – V	Clinical Reasoning & Evidence Based Practice	10	40	--	--	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
6.	Paper-VI	Occupational & Speech Therapy	10	40	--	--	50
7.	Paper-VII	Fundamentals of Physical education	10	40	--	--	50
8.	Paper-VIII	Ergonomics	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

Semester- VIII

COURSE WISE DISTRIBUTION OF MARKS							
		Core Courses	Internal assessment	University / College examination			Grand total
SL No	Paper	Course		T	V	P	
1.	Paper-I	Physiotherapy in Cardio Pulmonary Medicine & Surgery	50	100	25	75	250
2.	Paper-II	Community & Geriatric Physiotherapy	50	100	25	75	250
3.	Paper-III	Physiotherapeutics	50	100	25	75	250
4.	Paper - IV	Project	50	50	50	--	150
Ability Enhancement/ Skill Enhancement – AEC/SEC (Compulsory)							
5.	Paper-V	Electrophysiology and Diagnosis	10	20	--	20	50
Discipline Based Elective Subject (DEC)/ Generic Elective (GE) (Minimum One)							
6.	Paper-VI	Prosthetics & Orthotics	10	40	--	--	50
7.	Paper-VII	Physiotherapy in Veterinary Sciences	10	40	--	--	50
8.	Paper-VIII	Administration, Supervision And Teaching Skills	10	40	--	--	50
*T= Theory *P = Practical *V = Viva-voce							

17. EXAMINATIONS

i) Commencement of Examination

August 1st and Feb 15th

If the dates of commencement of the examination falls on Sundays or declared public holidays, the examination shall begin on the next working day.

ii) Attendance

A candidate has to secure minimum

1. 80% attendance in theory
2. 80% 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 indisposition etc.

- a. No candidate shall be permitted to appear for any one of the parts of Bachelor of Physiotherapy Examination unless he / she has attended the program in the course for the prescribed period in the institution of this University and produces the necessary certificate of study, attendance, satisfactory conduct and progress from the Head of the Institution.
- b. A candidate is required to put in minimum 80% of attendance in both theory and practical separately in each course before admission to the examination.
- c. A candidate lacking in the prescribed attendance and progress in any one course in theory and practical shall not be permitted for admission to the entire examination in the first appearance.

iii) Regulations for Condonation of Lack of Attendance.

Condonation of shortage of attendance up to a maximum of 10% prescribed eligible attendance for admission to an examination rests with the discretionary powers of the Vice-Chancellor. A candidate lacking in attendance should submit an application in the prescribed form and remit the stipulated fee, 15 days prior to the commencement of theory examination. The Head of the Department and Head of the institution should satisfy themselves on the reasonableness of the candidate's request while forwarding the application with their endorsements to the Controller of Examinations, who would obtain the approval of the Vice-Chancellor for admission of the said candidate to the examination. No application would be considered if it is not forwarded through proper channel.

Application for condonation of lack of attendance shall be taken up for consideration on the following grounds:

1. Any illness afflicting the candidate. (The candidate should submit to the Head of the Institution a Medical Certificate from a registered Medical Practitioner soon after he returns to the Institution after treatment.)
2. Any unforeseen tragedy in the family. (The parent / Guardian should give in writing the reason for the ward's absence to the Head of the Institution).

3. Participation in NCC/NSS and other co-curricular activities representing the Institution or University. (The Head of the Institution should instruct the concerned officers in-charge of the student activities in their institution to endorse the leave)
4. Any other leave the Head of the Institution deems reasonable for condonation.

iv) Format for furnishing details of candidates in whose cases condonation of shortage of attendance has been granted for theory examination

Name of the college: Faculty of Physiotherapy, Vinayaka Mission's Research foundation & deemed University

Academic year for which condonation has been granted for:

S.No	Name of the candidate(s)	Name of the program and Branch	Total No. of working days /hours for the year / semester	Minimum No. of days required for attendance certificate (75%)	No. of days attended by the candidate	Actual shortage of attendance

Requested condonation of attendance in respect of the above candidates as the shortage of attendance is within the condonation limit.

The demand draft for Rs..... being the condonation fee of shortage of attendance, drawn in favour of the Registrar, the Vinayaka Mission's Research foundation – Deemed university, Salem is/are enclosed

Date: _____ Signature of the Principal with college seal

Place: _____ Signature of the Head of the University

Department Seal:

Note:

1. The fee prescribed for condonation of shortage of attendance as specified by the university shall be paid by the student
2. The forms should reach the university at least 15 days before the commencement of respective university examinations.
3. A separate list (Three copies degree wise) showing candidates who have not earned the required attendance and are not eligible for condonation should also be sent at least 15 days before the commencement of examination

v) Scheme of Examination:

The scheme of the examination is semester wise. The four years course period consists of eight semesters. There shall be two internal assessment examinations in each semester followed by University examination at the end of each semester.

vi) 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.

vii) Internal Assessment:

- a. A minimum of two written examinations shall be conducted in each course during a year and the average marks of the best two performances shall be taken into consideration for the award of sessional marks.
- b. A minimum of two practical examinations shall be conducted in each course during a year and an average of two best performances shall be taken into consideration for award of sessional marks.
- c. Failed candidates in any course both theory & practical shall be provided an opportunity to improve his/her sessional marks during his/her additional period of study by applying in a prescribed form to the university at the beginning of the additional period of study. A minimum of two theory or practical examinations shall be conducted in each course during the additional period and an average of two best performances shall be taken into consideration for award of internal assessment marks.
- d. The internal assessment marks (both in written and practical) should be submitted to the university endorsed by the Principal of the college 15 days prior to the commencement of theory examinations.
- e. The candidate has to secure 35% out of marks prescribed for the Internal examinations to become eligible for the final examination of the concerned course.

viii) Criteria for Awarding Internal Marks:-

Internal marks will be awarded for a maximum of 50 for all the courses where internal evaluation is applicable

- 1. Written exam – 20 marks
- 2. Practical demonstration / Viva – 20 marks
- 3. Assignment / Record work – 10 marks

Internal marks will be awarded for a maximum of 50 for the project work

- 1. Written work - 20 marks
- 2. Viva - 20 marks
- 3. Participation /Involvement - 10 marks

ix) Criteria for Awarding Internal Marks for AEC / SEC/ DSE:-

Internal marks will be awarded for a maximum of 10 marks for all the courses under AEC/SEC/DSE courses except Environmental science. Each course will have two assignments and each assignment will carry 5 marks each.

Internal marks will be awarded for a maximum of 25 marks for Environmental science

1. Written exam – 10 marks
2. Assignment – 10 marks
3. Field work - 5 marks

x) Conduct of Practical Examination

The practical examination shall commence immediately after final theory examination. The practical examination shall be conducted by 2 examiners who are experts in their courses, one of them shall be an internal examiner and one of them shall be an external examiner. The external examiner shall be selected from an available panel of examiner list. The external examiner shall have preferably 3 years teaching experience after MPT from a recognized university and the internal examiner shall have a minimum of 1 years of teaching experience from the respective College of Physiotherapy.

Each practical examination shall be jointly conducted and evaluated by one internal examiner and one external examiner or two external examiners if there are no internal examiners.

xi) Distribution of Marks In University Theory Exam

MAX.MARKS : 100				MAX.MARKS : 50					
Short Answers	-	10	x 3	= 30	Short Answers	-	5	x 3	= 15
Essay	-	2	x 15	= 30	Essay	-	1	x 15	= 15
Short Essays	-	8	x 5	= 40	Short Essays	-	4	x 5	= 20

xii) Marks qualifying for pass

a) **Core Courses:** 50% of marks in theory and practical separately and an overall aggregate of 50% is required.

b) **AEC/SEC/DSE/GE Courses:** The minimum prescribed marks for a pass in a AEC/SEC/DES/GE courses shall be an aggregate of 50% of the maximum marks prescribed for a course.

xiii) Carry-over of failed courses

- a. A Candidate is permitted to go to second semester if he/she fails in any of the first semester courses.
- b. A Candidate is permitted to third semester, only if he/she have passed all his /her I semester courses.
- c. A Candidate is permitted to fourth semester only if he/she have passed all his /her II semester courses.
- d. A Candidate is permitted to fifth semester only if he/she have passed all his /her III semester courses.
- e. A Candidate is permitted to Sixth semester only if he/she have passed all his /her IV semester courses.
- f. A Candidate is permitted to seventh semester only if he/she have passed all his /her V semester courses.
- g. A Candidate is permitted to eighth semester only if he/she have passed all his /her VI semester courses.
- h. A Candidate is permitted to undergo internship only after passing all the courses of eight semesters.

xiv) Exemption from Re-Examination in a Course

Candidate who have failed in the examination but obtained pass marks in any course shall be exempted from re-examination in that course.

xv) Review of answer papers of failed candidates

There shall be retotalling / revaluation of answer papers of failed candidates in B.P.T. degree examinations on payment of a prescribed fee.

18. CLASSIFICATION OF SUCCESSFUL CANDIDATES (COURSEWISE)

% of marks	Grade point	Letter Grade	Result/ Class Description
95 -100	10	O ++	FIRST CLASS WITH DISTINCTION
90 - 94	9.5	O+	
85 - 89	9	O	
80 - 84	8.5	A++	
70 - 79	8	A+	
60 - 69	7	A	FIRST CLASS
55-59	6	B+	SECOND CLASS
51-54	5.5	B	
50	5	C	PASS
<50	-	F	REAPPEAR
ABSENT	-	AB	

18. CRITERIA FOR THE AWARD OF DEGREE:

A candidate shall be eligible for the award of the degree of Bachelor of Physiotherapy, only if he/she has earned the minimum required credits of the programme prescribed.

The provisional certificate shall be issued after successful completion of the programme and passing all the courses and internship. This provisional certificate has validity till the issue of the degree certificate which shall be issued during the Convocation.

19. CLASSIFICATION OF SUCCESSFUL CANDIDATES (PROGRAMWISE)

For the purpose of declaring a candidate to have qualified for the degree of bachelor of physiotherapy in the first class/ second class or first class with distinction, the CGPA earned by the candidate at the end of courses will be as given below.

CGPA	Classification of Final Result
7.00 – 10.0	First Class with Distinction*
6.00-6.99	First Class
Below – 5.99	Second Class

*Note: For the best outgoing / Gold Medal / Distinction / Ranking students, one should have passed all the subjects in the first appearance.

20. RANKING

The first three ranks will be decided on the basis of grades of CGPA in the program. Candidates who passed all the courses of the programme in University examination in first appearance will only be considered for ranking.

21. VACATION

The Head of the Institution may declare 45 days of vacation in an academic year to the students without a semester break. The period(s) of vacation can be decided by the Head of the Institution.

22. ADOPTION OF SWAYAM

Candidate will be given credit for the successful completion of SWAYAM online programmes when the candidate submits the certificate of completion.

23. MODIFICATION OF REGULATIONS

These regulations shall come into force with effect from the academic year 2019-2020 and are subject to such modifications as may be approved by the Academic Council from time to time.

ANNEXURE – I

CONDONATION PROFORMA FOR RE-ADMISSION AFTER BREAK OF STUDY

- 1 Name of the student :
- 2 Name of the course :
- 3 Period of study :
- 4 Name of the College :
- 5 Date of joining the course :
- 6 Whether the candidate has been Registered with this University? If so, furnish the Registration No. :
- 7 Present year of study :
- 8 Total No. of working days attended during that particular academic year : From :
To :
- 9 Duration of break of study : From :
To :
- 10 Details of examinations appeared & Subjects passed (Evidence should be produced) :
- 11 Reasons for the period of break of study of the course (Evidence should be produced) :
- 12 The details of previous break of study (Enclose Xerox copy of the Condonation order of the University, if any) :
- 13 Whether his/her own vacancy is available for rejoining the course :
- 14 Whether any disciplinary case is pending (i.e) production of false certificates/ Ragging etc. :

- 15 Whether the candidate has paid the :
Prescribed fee for readmission sought
For (Furnish) the details)
a) Processing fee : Rs.2100/- ,
b) Condonation fee :
As prescribed in the Annexure
- 15 Previous Correspondence if any :
(Furnish copies of relevant records)
- 17 Recommendation of the :
Dean/Principal Concerned

DECLARATION BY THE CANDIDATE

I declare that the above informations furnished by me are true, correct to the best of my knowledge.

I hereby Undertake that I will abide by the existing rules and regulations of this university.

Date:

Signature of the Candidate

Certificate by the Dean / Principal

Certified that the details furnished above, in respect of the candidate are verified and found to be correct.

Signature of the Dean/Principal with seal

ANNEXURE – II
DECLARATION

I Son of /
Daughter of
Residing at.....
.....
.....
.....and admitted to in I year of
.....
(Name of the Faculty) do hereby solemnly affirm and sincerely state as follows.

I declare that I shall abide by the Rules and Regulations prescribed by the Vinayaka Mission’s Research Foundation (Deemed to be University), Salem for the (Programme) including regulations in force after amendment.

Date:

Signature of the Candidate

/Counter signed/
Principal / Dean
(Office date seal)