Study & Evaluation Scheme

of

Master of Physiotherapy

[Applicable w.e.f. Academic Session – 2020-2021]

[As per CBCS guidelines given by UGC]



TEERTHANKER MAHAVEER UNIVERSITY

N.H.-24, Delhi Road, Moradabad, Uttar Pradesh-244001 Website: www.tmu.ac.in

020-21

SEMESTER - I

CN	Categ	CN	Course	I	Perio	ds .	Credits	Evaluation		
S.No	ory	Course Name	Code	L	T	P	C	Internal	External	Tota 1
1.	CC-1	Research Methodology & Biostatistics	MPT110	4	-	•	4	40	60	100
2.	CC-2	Exercise Physiology	MPT111	3	-		3	40	60	100
3.	CC-3	Electrophysiology	MPT112	2	-		2	40	60	100
4.	SEC-1	Clinical Training	MPT161			24	12	50	50	100
5.	SEC-2	Journal Presentation	MPT162	•		+	4	100		100
				9	-	32	25	270	230	500

1.	VAC-1	Managing Self	TMUPS101	2		-	0	50	50	100	
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SEMESTER - II

	Categ		Course	P	erio	ds	Credits	Evalua	tion	
S.No.	ory	Course name	Code	L	Т	P	C	Internal	External	Tot al
1.	CC-4	Biomechanics	MPT210	2	-	-	2	40	60	100
2.	CC-5	Physical and functional diagnosis	MPT211	3		•	3	40	60	100
3.	CC-6	Physiotherapeutics	MPT212	3	•	-	3	40	60	100
4.	SEC-3	Clinical training	MPT261	-	1	24	12	50	50	100
5.	SEC-4	Journal Presentation	MPT262	-	-	8	4	100	-	100
				8		32	24	270	230	500

1.	VAC-2	Managing Work & Others	TMUPS2 01	2	-	0	50	50	100



SEMESTER - III

	Categ		Course	Periods			Credits	Evaluation			
S.No.	ory	Course name	Code	L	T	P	C	Internal	External	Total	
1.	SEC-5	Clinical training	MPT361	150	-	24	12	50	50	100	
2:	AECC-1	Ethics and Pedagogy	MPT314	3	1	-	4	40	60	100	
3.	RPR-1	Research Project	MPT369		-	4	2	50	50	100	
4.	SEC-6	Journal Presentation	MPT362	-		8	4	100	•	100	

DISCIPLINE SPECIFIC ELECTIVES

(Candidate shall select any one course with corresponding Lab as per the choice of specialization)

5.a.	DSEC-1	Cardiorespiratory disorders-I	MPT315	4	-	-	4	40	60	100
5.b.	DSEC-2	Cardiorespiratory disorders–I (Lab)	MPT365		-	2	1	50	50	100
6.a.	DSEC-3	Neurological Disorders-I	MPT316	4		-	4	40	60	100
6.b.	DSEC-4	Neurological disorders-I (Lab)	MPT366			2	1	50	50	100
7.a.	DSEC-5	Musculoskeletal Disorders-I	MPT317	4		-	4	40	60	100
7.b.	DSEC-6	Musculoskeletal disorders–I (Lab)	MPT367	•	-	2	1	50	50	100
8.a.	DSEC-7	Sport Disorders-I	MPT318	4	-		4	40	60	100
8.b.	DSEC-8	Sport disorders-I (Lab)	MPT368	•	-	2	1	50	50	100
				7	1	38	27	330	270	600

SEMESTER - IV

	Categ		Course	Periods			Credits	Evaluation			
S.No.	ory	Course name	Code	L	T	P	C	Internal	External	Total	
1:	AECC-	Administration & Management	MPT410	2	•		2	40	60	100	
2.	SEC-7	Clinical training	MPT461	-	-	24	12	50	50	100	
3.	SEC-8	Journal Presentation	MPT462	-	-	8	4	100		100	
4.	RPR-2	Dissertation	MPT469	-	9/4	8	4	50	50	100	

DISCIPLINE SPECIFIC ELECTIVES

(The choice of elective shall be same as that chosen in III semester)

5.a.	DSEC -9	Cardiorespiratory disorders-II	MPT415	4			4	40	60	100
5.b.	DSEC- 10	Cardiorespiratory disorders-II (Lab)	MPT465	-	-	2	1	50	50	100
6.a.	DSEC -11	Neurological disorders-II	MPT416	4	-	-	4	40	60	100
6.b.	DSEC -12	Neurological disorders-II (Lab)	MPT466	-		2	1	50	50	100
7.a.	DSEC -13	Musculoskeletal disorders-II	MPT417	4	-	-	4	40	60	100
7.b.	DSEC -14	Musculoskeletal disorder-II (Lab)	MPT467	-	-	2	1	50	50	100
8.a.	DSEC -15	Sport disorders-II	MPT418	4	-	-	4	40	60	100
8.b.	DSEC -16	Sport disorders-II (Lab)	MPT468	•	-	2	1	50	50	100
,				6		42	27	330	270	600

		Note:		
L- Lecture	T- Tutorial	P- Practical	C-	Credits
	^	Hour L or T	ن ن ن ن ن ن ن ن ن ن ن ن ن ن ن ن ن ن ن	
	IC=	= 2 Hour P	Region	rar)adaba

MPT SYLLABUS AS PER CBCS 2020-21

Study and Evaluation Scheme

Programme: Master of Physiotherapy

SEMESTER - I

17-18

S.No.	Course name	Course Code			Cred	lits	Evaluation		
		Code	L	T	P	Overall	Internal	60 60 60	Total
1.	Research Methodology & Biostatistics	MPT110	4		•	4	40	60	100
2.	Exercise physiology	MPT111	3		•	3	40	60	100
3.	Electrophysiology	MPT112	2	-	-	2	40	60	100
4.	Personality Development & Communication-I	MPT149	2	-	2	3	40	60	100
5.	Clinical training	MPT161	-	-	16	8	50	50	100
P. P. P.	700		11	-	18	20	210	290	500

SEMESTER - II

S.No.	Course name	Course			Cred	lits	Evaluation		
		Code	L	T	P	Overall	Internal	External	Total
1.	Biomechanics	MPT210	2	-	-	2	40	60	100
2.	Physical and functional diagnosis	MPT211	3	-	•	3	40	60	100
3.	Physiotherapeutics	MPT212	3	-	•	3	40	60	100
4.	Personality Development & communication-II	MPT249	2	-	2	3	40	60	100
5.	Clinical training	MPT261	-	-	16	8	50	50	100
			10	-	18	19	210	290	500

MPT Syllabus Applicable w.e.f. Academic Session 2017-18

Study and Evaluation Scheme

Programme: Master of Physiotherapy

SEMESTER - III

S.No.	Course name	Course			Cred	lits	Evaluation			
Dir to.	Course name	Code	L	T	P	Overall	Internal	External	Total	
1.	Clinical training	MPT361	-	•	18	9	50	50	100	
2.	Ethics and Pedagogy	MPT314	3	2	•	4	40	60	100	

ELECTIVES

(Candidate shall select the course with corresponding Lab as per the choice of specialization)

3.a.	Cardiopulmonary disorders-I	MPT315	4	-	-	4	40	60	100
3.b.	Cardiopulmonary disorders-I (Lab)	MPT365	-	-	2	1	50	50	100
4.a.	Neurological Disorders-I	MPT316	4	-		4	40	60	100
4.b.	Neurological disorders-I (Lab)	MPT366	-	-	2	1	50	50	100
5.a.	Musculoskeletal Disorders-I	MPT317	4	-	-	4	40	60	100
5.b.	Musculoskeletal disorders-I (Lab)	MPT367	•	-	2	1	50	50	100
6.a.	Sport Disorders-I	MPT318	4	-	-	4	40	60	100
6.b.	Sport disorders–I (Lab)	MPT368	•	-	2	1	50	50	100
			7	2	20	18	180	220	400

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MPT Syllabus Applicable w.e.f. Academic Session 2017-18

Study and Evaluation Scheme

Programme: Master of Physiotherapy

S.No.	Course name	Course	Credits				Evaluation		
		Code	L	T	P	Overall	Internal	External	Total
1.	Administration & Management	MPT410	2	-	-	2	40	60	100
2.	Clinical training	MPT461	-	-	18	9	50	50	100
3 0	Color Strate - El			be so	ame i		en in III sen		
3.a.	Cardiopulmonary	f elective sl	hall	be si	ame (as that chos	en in III sen 40	nester)	100
3.a. 3.b.	Cardiopulmonary disorders-II Cardiopulmonary			be si	- 2				100
	Cardiopulmonary disorders-II	MPT415	4	be so	•	4	40	60	

Sport disorders-II 6.b. MPT468 2 1 50 50 100 (Lab) 6 20 16 180 220 400





TEERTHANKER MAHAVEER UNIVERSITY

(Established Under Govt. Of U.P. Act No. 30, 2008) Delhi Road, Bagarpur, Moradabad. (U.P)

Study and Evaluation Scheme Of Master of Physiotherapy SUMMARY

Programme

Duration

Medium

Minimum Required Attendance

Maximum Credits

Minimum Credits Required For Degree

Assessment (Theory)

: Master of Physiotherapy

: Two Years Full Time (Semester System)

: English

: 75 % : 73

: 73

InternalExternalTotal4060100

Internal Evaluation (Theory Papers):

CLASS TEST I	CLASS TEST II	CLASS TEST III	ATTENDENCE	ASSIGNMENT	TOTAL
	Best 2 out	of 3			
10	10	10	10	10	40

Evaluation (Lab):

External	Total
50	100
	9

Duration of Examination

Internal	External
1 ^{1/2} hrs	3 hrs.

To qualify the course a student requires to secure a minimum of 50% marks in each subject including semester end examination and teacher's continuous evaluation (i.e. both internal and external). The student who secures less than 50% of marks in a course shall be deemed to have failed in that course and must secure 50% of marks on an aggregate to clear semester. A student has to pass mandatorily in Theory & Lab separately. If a candidate fails in Theory, he/she will have to reappear in Theory examination, but if one fails in Lab; he/she has to appear in both Theory and Lab of the respective subject.

A student will be promoted to the second year (third semester) only if s/he has failure in not more than 2 (two) courses in first year (cumulatively in first and second semester). Student with more than 2 (two) re-appear shall have year back.

Note: For internal assessment purpose, there will be three class tests in a year and best 2 of three tests will be considered for the final result.

Question Paper Structure

- 1. The question paper shall consist of six questions. All six are compulsory. First question shall be of short answer type (not exceeding 50 words). Question No. 1 shall contain 8 parts representing all units of the syllabus and students shall have to answer any five (weightage 2 marks each).
- 2. Remaining five questions will be one from each unit with internal choice. The student has to answer one of the two in each question. The weightage of Question No. 2 to 6 shall be 10 marks each.
- 3. In case of a course with four units the fifth question can be from any unit or combination of units

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	Harman	Skill F	Cnhance	ment Course-6			
Course				mester-III		L-0 T-0	
Code:				HEREN LITERAL VALUE OF THE SECOND STREET		P-8	
MPT362	- Areks	Journs	ai rre	sentation-III		C-4	
Course Outcomes:	On co	ompletion of the course, the	student	s will be :			
CO1.		ining the current trends in re-					
CO2.		Understanding the language, methods, context, and analysis that can be used to enerate further research.					
CO3.	Analy	zing the research paper and c	ritique i	t.			
CO4.	Creati	Creating research problems effectively.					
Course Content:							
	The st shall b Forma Physio Na Pr Se Tit	ourse comprises of presentation of the evaluated by two internal extractions of the evaluated by two internal extractions of the evaluation of the evaluatio) present examine	tations in a semester rs and the guide. al Presentation (Ma	. The presentation aster of		
	S.no.	Details	Guide (20)	Marks Internal Examiner- I (40)	Internal Evaminar II (40)	Hrs.	
,	1.	Body Language/voice modulation	(20)	Exammer-1 (40)	Examiner- II (40)		
	2.	Knowledge of the Topic					
	3.	Content of the presentation					
	4.	Confidence & Attitude	EUGE				
	5.	Quiz					
	Nam Design Depa Student guide. Steam of	uator: e: gnation: urtment: shall be evaluated in the above me Student should have the copy of this evaluators during every presentati	format w	vhich should be provided	to each member of the		
	J				Onvers		

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Course		Skill Enhanceme MPT- Seme				L-0 T-0	
<u>Code:</u> <u>MPT462</u>		Journal Prese		IV		P-8 C-4	
Course Outcomes:	On co	mpletion of the course, the students	will be :				
CO1.	Explai	ning the current trends in research and	methodolo	ogy			
CO2.	Understanding the language, methods, context, and analysis that can be used to generate further research.						
CO3.	Analyzing the research paper and critique it.						
CO4.	Creating research problems effectively.						
Course Content:		ourse comprises of presentation of rese					
	Format for Internal Evaluation of Journal Presentation (Master of Physiotherapy Program) Name of candidate: Program: Semester: Title of research article: Date:						
ı		le of research article:					
ı		le of research article:				. 112	
	Da	le of research article:te:			Internal Examiner- II (40)	112 Hrs.	
	Da	le of research article:te:	Guide	Marks Internal Examiner-	Examiner-		
	S.no.	le of research article: te: Details Body Language/voice modulation Knowledge of the Topic	Guide	Marks Internal Examiner-	Examiner-		
	S.no. 1. 2. 3.	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation	Guide	Marks Internal Examiner-	Examiner-		
	S.no. 1. 2. 3. 4.	Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude	Guide	Marks Internal Examiner-	Examiner-		
	S.no. 1. 2. 3.	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation	Guide	Marks Internal Examiner-	Examiner-		
	1. 2. 3. 4. 5.	Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude	Guide	Marks Internal Examiner-	Examiner-		
	1. 2. 3. 4. 5.	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz nator:	Guide	Marks Internal Examiner-	Examiner-		
	1. 2. 3. 4. 5. Evalue Name Desig	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz nator:	Guide	Marks Internal Examiner-	Examiner-		
	S.no. 1. 2. 3. 4. 5. Evalue Desig Depa	Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz pator: Contain the presentation Confidence of the Topic Content of the presentation Confidence of the Topic Confidence of the Topic Content of the presentation Confidence of the Topic Content of the Top	Guide (20)	Marks Internal Examiner- I (40)	Examiner- II (40)		
	S.no. 1. 2. 3. 4. 5. Evalue Design Department Stude	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz nator: content:	Guide (20)	Marks Internal Examiner- I (40)	Examiner- II (40)		
	S.no. 1. 2. 3. 4. 5. Evaluation Design Department Studen and to	Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz pator: Contain the presentation Confidence of the Topic Content of the presentation Confidence of the Topic Confidence of the Topic Content of the presentation Confidence of the Topic Content of the Top	Guide (20)	Marks Internal Examiner- I (40) team of faculty r should be provi	Examiner- II (40) members ded to each		

	Value Added Course-1		
Course Code:	MPT- Semester-I	L-	
TMUPS101	Managing Self	T-0 P-0	
Course Outcomes:	On completion of the course, the students will be :	C-	
CO1.	Utilizing effective verbal and non-verbal communication techniques in formal and informal settings		
CO2.	Understanding and analyzing self and devising a strategy for self growth and development.		
CO3.	Adapting a positive mindset conducive for growth through optimism and constructive thinking.		
CO4.	Utilizing time in the most effective manner and avoiding procrastination.		
CO5.	Making appropriate and responsible decisions through various techniques like SWOT, Simulation and Decision Tree.		
CO6.	Formulating strategies of avoiding time wasters and preparing to-do list to		
Course Content:	goals.		
Unit-1:	Personal growth and improvement in personality Perception	5	
	3. Positive Attitude	Hou	
Unit-2:	Values and Morals High self Motivation and Confidence	5	
	Grooming Goal setting and Action Planning	Hour	
Unit-3:	 Goal setting and Action Planning Effective and assertive communication 	0	
	3. Decision making.	5 Hour	
	Time Management	Hour	
Unit-4:	2 Presentation Skills	5	
	Happiness, risk taking and facing unknown	Hour	
	Resume building		
Unit-5:	2. Occupational Research	5	
	Group Discussion (GD) Personal Interviews (PD)	Hours	
	1. Robbins, Stephen P., Judge, Timothy A., Vohra, Neharika, Organizational Behaviour (2018), 18th ed., Pearson Education		
	2. Tracy, Brian, Time Management (2018), Manjul Publishing House		
	3. Hill, Napolean, Think and grow rich (2014), Amazing Read		
	4. Scott, S.J., SMART goals made simple (2014), Createspace Independent		
References:	5. https://www.hloom.com/resumes/creative-templates/		
	o. https://www.mbauniverse.com/group-discussion/topio.pha		
	Ratingeber, Holger, Kotter, John Our Iceberg is molting (2017) M.		
	of Dame, Life, Games reoble Play (7010) Penguin IIV		
	3.https://www.indeed.com/career-advice/interviewing/job-interview time have		
	to make-a-greatinipression		
	* Latest editions of all the suggested books are recommended.		

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	Value Added Course-2					
Course Code:	MPT- Semester-II					
TMUPS102	Managing Work and Others					
Course Outcomes:	On completion of the course, the students will be:					
CO1.	Communicating effectively in a variety of public and interpersonal settings.					
CO2.	Applying concepts of change management for growth and development by understanding inertia of change and mastering the Laws of Change.					
CO3.	Analyzing scenarios, synthesizing alternatives and thinking critically to negotiate, resolve conflicts and develop cordial interpersonal relationships.					
CO4.	Functioning in a team and enabling other people to act while encouraging growth and creating mutual respect and trust.					
CO5.	Handling difficult situations with grace, style, and professionalism.					
Course Content:						
Unit-1:	 Creativity and Innovation Understanding Self and Others (Johari Window) Stress Management 	5 Hours				
Unit-2:	 Managing change for competitive success Handling feedback and criticism Conflict Management 	5 Hours				
Unit-3:	 Development of cordial interpersonal relationships Negotiation Working in teams 	5 Hours				
Unit-4:	1. Manners, Etiquettes and Netiquettes	5 Hours				
Unit-5:	 Job seeking Group Discussion Personal Interview 	5 Hours				
References:	 Robbins, Stephen P., Judge, Timothy A., Vohra, Neharika, Organizational Behaviour (2018), 18th ed., Pearson Education Burne, Eric, Games People Play (2010), Penguin UK Carnegie, Dale, How to win friends and influence people (2004), RHUK Rathgeber, Holger, Kotter, John, Our Iceberg is melting (2017), Macmillan Steinburg, Scott, Nettiquette Essentials (2013), Lulu.com https://www.hloom.com/resumes/creative-templates/ https://www.indeed.com/career-advice/interviewing/job-interview-tips-how-to-make-a-greatimpression Latest editions of all the suggested books are recommended. 					

Course Codé:			nent Course-2			L-0			
The second secon	MPT- Semester-I								
MPT162	M. L. Alle	Journal Presentation-I							
Course Outcom es:	On com	pletion of the course, the students wil	l be :			C-4			
CO1.		Explaining the current trends in research and methodology							
CO2.	Understanding the language, methods, context, and analysis that can be used to generate further research.								
CO3.	Analyzii	ng the research paper and critique it.				- Vale			
CO4.	Creating	research problems effectively.							
Course Content:		rse comprises of presentation of research							
	Formate P Nam Prog	hall present at least 10 presentations in d by two internal examiners and the guit for Internal Evaluation of Journal Frogram) e of candidate:	de. Presentation (Ma	ster of Physic					
	Title	of research article:							
	Title Date	of research article:							
• ,	Title	of research article:	Guide (20)	·ks	Internal Examiner - II (40)	112 Hz			
•	Title Date S.no	Details Body Language/voice modulation	Guide (20)	ks Internal Examiner- I	Internal Examiner	112 Hi			
• ,	S.no .	Details Body Language/voice modulation Knowledge of the Topic	Guide (20)	ks Internal Examiner- I	Internal Examiner	112 Hi			
•	S.no .	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation	Guide (20)	ks Internal Examiner- I	Internal Examiner	112 Hi			
•	S.no . 1 2 3 4	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude	Guide (20)	ks Internal Examiner- I	Internal Examiner	112 Hi			
•	S.no .	Details Body Language/voice modulation Knowledge of the Topic Content of the presentation Confidence & Attitude Quiz	Guide (20)	ks Internal Examiner- I	Internal Examiner	112 Н			

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		Skill Enhanceme	nt Course-4			L-0			
Course		MPT- Seme	ster-II			T-0			
Code: MPT262	Journal Presentation-II								
NII 1202	Name of the last	00dr.mar 1 1050				C-4			
Course Outcomes:	On con	mpletion of the course, the students w	ill be :						
CO1.		ning the current trends in research and r							
CO2.		Understanding the language, methods, context, and analysis that can be used to generate further research.							
, CO3.	Analyz	Analyzing the research paper and critique it.							
CO4.	Creating research problems effectively.								
Course Content:		ourse comprises of presentation of resear							
	Forma Nat Pro Sen Titt Dat	dent shall present at least 10 presentation uated by two internal examiners and the state of Internal Evaluation of Journal Programme of candidate: gram: de of research article:	guide.	Master of Ph	vsiotherapy 				
	S.no.	Details		Mar	The second secon				
			Guide (20)	Internal Examiner- I (40)	Internal Examiner- II (40)	112 Hrs.			
		Body Language/voice modulation	LESS STORY FOR						
		Knowledge of the Topic							
		Content of the presentation		Page 1					
		Confidence & Attitude				The same			
	5.	Quiz							
	Depar Studen guide. team		ch should be pr	ovided to each m	ember of the				

MPT SYLLABUS AS PER CBCS 2020-21

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