

SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC & AICTE Approved)

Gurugram, Delhi-NCR



Syllabus

For

Master of Physiotherapy

(All Specialization)

(Semester System - 2020)

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
First Semester (All Speciality)							
	Theory				Internal	External	Total
MPT -101	Basics of Health Sciences	4	64	4	40	60	100
MPT -102	Research Methodology & Biostatistics	4	64	4	40	60	100
MPT- 103	Applied Biomechanics & Ergonomics	2	32	2	20	30	50
MPT -104	Applied Therapeutics	4	64	4	40	60	100
MPT -105	Applications of Exercise Physiology	2	32	2	20	30	50
MPT -106	Seminar, case & Critical appraisal of Journal Presentation-I	Credit included in ECP			Internal evaluation		
Total Theory		16	256	16	160	240	400
Practical							
MPT- 103P	Applied Biomechanics & Ergonomics (P)	1	32	2	20	30	50
MPT - 104P	Applied Therapeutics (P)	2	64	4	40	60	100
MPT - 105P	Applications of Exercise Physiology (P)	1	32	2	20	30	50
MPT - 106P	Evaluative Clinical Practice-I	4	192	12	40	60	100
Total Practical		8	320	20	120	180	300
Total both theory & Practical		24	576	36	280	420	700
Second Semester (Orthopaedics)							
	Theory				Internal	External	Total
MPTO -201	Physiotherapy in Traumatology	4	64	4	40	60	100
MPTO -202	Physiotherapy in Regional Orthopaedics	4	64	4	40	60	100
MPTO -203	Diagnostics in Orthopaedic Physiotherapy	4	64	4	40	60	100
MPTO -204	Sequential Research Development-I	1	16	1	Internal evaluation		
MPTO -205	Seminar, case & Critical appraisal of Journal Presentation -II	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTO-201P	Physiotherapy in Traumatology (P)	2	64	4	40	60	100
MPTO-202P	Physiotherapy in Regional Orthopaedics (P)	2	64	4	40	60	100
MPTO-203P	Diagnostics in Orthopaedic Physiotherapy (P)	2	64	4	40	60	100
MPTO-205P	Evaluative Clinical Practice-II	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
Second Semester (Sports)							
	<u>Theory</u>				Internal	External	Total
MPTS -201	Sports Physiology & Biomechanics	4	64	4	40	60	100
MPTS -202	Sports Nutrition & Psychology	4	64	4	40	60	100
MPTS -203	Diagnostics in Sports Physiotherapy	4	64	4	40	60	100
MPTS -204	Sequential Research Development-I	1	16	1	Internal evaluation		
MPTS-205	Seminar, case & Critical appraisal of Journal Presentation -II	Credit included in ECP					
Total Theory		13	208	13	120	180	300
<u>Practical</u>							
MPTS-201P	Sports Physiology & Biomechanics	2	64	4	40	60	100
MPTS-202P	Sports Nutrition & Psychology	2	64	4	40	60	100
MPTS-203P	Diagnostics in Sports Physiotherapy	2	64	4	40	60	100
MPTS -205P	Evaluative Clinical Practice-II	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700
Second Semester (Neurology)							
	<u>Theory</u>				Internal	External	Total
MPTN -201	Physiotherapy in Neurological Conditions-I	4	64	4	40	60	100
MPTN -202	Paediatric & Geriatric Neurological Rehabilitation	4	64	4	40	60	100
MPTN -203	Diagnostics in Neurological Physiotherapy	4	64	4	40	60	100
MPTN -204	Sequential Research Development-I	1	16	1	Internal evaluation		
MPTN-205	Seminar, case & Critical appraisal of Journal Presentation -II	Credit included in ECP					
Total Theory		13	208	13	120	180	300
<u>Practical</u>							
MPTN-201P	Physiotherapy in Neurological Conditions-I (P)	2	64	4	40	60	100
MPTN-202P	Paediatric & Geriatric Neurological Rehabilitation (P)	2	64	4	40	60	100
MPTN-203P	Diagnostics in Neurological Physiotherapy (P)	2	64	4	40	60	100
MPTN-205P	Evaluative Clinical Practice-II	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700

3
Registrar
SGT University
Budhara, Gurugram

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
Second Semester (Cardiopulmonary)							
	Theory				Internal	External	Total
MPTC -201	Physiotherapy in Pulmonary Conditions	4	64	4	40	60	100
MPTC -202	Physiotherapy in Cardiovascular Conditions	4	64	4	40	60	100
MPTC -203	Diagnostics in Cardiopulmonary Physiotherapy	4	64	4	40	60	100
MPTC -204	Sequential Research Development-I	1	16	1	Internal evaluation		
MPTC -205	Seminar, case & Critical appraisal of Journal Presentation -II	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTC-201P	Physiotherapy in Pulmonary Conditions (P)	2	64	4	40	60	100
MPTC-202P	Physiotherapy in Cardiovascular Conditions (P)	2	64	4	40	60	100
MPTC-203P	Diagnostics in Cardiopulmonary Physiotherapy (P)	2	64	4	40	60	100
MPTC-205P	Evaluative Clinical Practice-II	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700
Third Semester (Orthopaedics)							
	Theory				Internal	External	Total
MPTO -301	Physiotherapy in Spine & Rheumatology	4	64	4	40	60	100
MPTO -302	Physiotherapy in Orthopaedic Surgical Conditions	4	64	4	40	60	100
MPTO -303	Advanced Therapeutic & Manual Therapy	4	64	4	40	60	100
MPTO -304	Sequential Research Development-II	1	16	1	Internal evaluation		
MPTO -305	Seminar, case & Critical appraisal of Journal Presentation -III	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTO-301P	Physiotherapy in Spine & Rheumatology (P)	2	64	4	40	60	100
MPTO-302P	Physiotherapy in Orthopaedic Surgical Conditions (P)	2	64	4	40	60	100
MPTO-303P	Advanced Therapeutic & Manual Therapy (P)	2	64	4	40	60	100
MPTO-305P	Evaluative Clinical Practice-III	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700

Code	Subject / Course Name	Credits	Teachin g Hours	Hours/ week	Evaluation scheme		
Third Semester (Sports)							
	Theory				Internal	External	Total
MPTS -301	Physiotherapy Management of Sports Injuries	4	64	4	40	60	100
MPTS -302	Medical & Surgical Management of Sports Injuries	4	64	4	40	60	100
MPTS -303	Sports Training & Exercise Prescription	4	64	4	40	60	100
MPTS -304	Sequential Research Development-II	1	16	1	Internal evaluation		
MPTS -305	Seminar, case & Critical appraisal of Journal Presentation -III	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTS-301P	Physiotherapy Management of Sports Injuries (P)	2	64	4	40	60	100
MPTS-302P	Medical & Surgical Management of Sports Injuries (P)	2	64	4	40	60	100
MPTS-303P	Sports Training & Exercise Prescription (P)	2	64	4	40	60	100
MPTS-305P	Evaluative Clinical Practice-III	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700
Third Semester (Neurology)							
	Theory				Internal	External	Total
MPTN -301	Physiotherapy in Neurological Conditions-II	4	64	4	40	60	100
MPTN -302	Physiotherapy in Neurosurgery & Assistive Technology	4	64	4	40	60	100
MPTN -303	Advanced Therapeutics in Neurological Physiotherapy	4	64	4	40	60	100
MPTN -304	Sequential Research Development-II	1	16	1	Internal evaluation		
MPTN -305	Seminar, case & Critical appraisal of Journal Presentation -III	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTN-301P	Physiotherapy in Neurological Conditions-II (P)	2	64	4	40	60	100
MPTN-302P	Physiotherapy in Neurosurgery & Assistive Technology (P)	2	64	4	40	60	100
MPTN-303P	Advanced Therapeutics in Neurological Physiotherapy (P)	2	64	4	40	60	100
MPTN-305P	Evaluative Clinical Practice-III	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700


Registrar
 SGT University
 Barabara, Ganga

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
Third Semester (Cardiopulmonary)							
	Theory				Internal	External	Total
MPTC -301	Medical Conditions Affecting Cardiopulmonary Functions	4	64	4	40	60	100
MPTC -302	Physiotherapy in Cardiothoracic Surgery	4	64	4	40	60	100
MPTC -303	Intensive Care Management	4	64	4	40	60	100
MPTC -304	Sequential Research Development-II	1	16	1	Internal evaluation		
MPTC -305	Seminar, case & Critical appraisal of Journal Presentation -III	Credit included in ECP					
Total Theory		13	208	13	120	180	300
Practical							
MPTC-301P	Medical Conditions Affecting Cardiopulmonary Functions (P)	2	64	4	40	60	100
MPTC-302P	Physiotherapy in Cardiothoracic Surgery (P)	2	64	4	40	60	100
MPTC-303P	Intensive Care Management (P)	2	64	4	40	60	100
MPTC-305P	Evaluative Clinical Practice-III	4	192	12	40	60	100
Total Practical		10	384	24	160	240	400
Total both theory & Practical		23	608	37	280	420	700
Forth Semester (Orthopaedics)							
	Theory				Internal	External	Total
MPTO -401	Andragogy & Ethics in Physiotherapy	4	64	4	40	60	100
MPTO -402	Administration & Management in Physiotherapy	4	64	4	40	60	100
MPTO -403	Recent Advances in Orthopaedics	4	64	4	40	60	100
MPTO -404	Dissertation	8	128	8	120	180	300
Total Theory		20	320	20	240	360	600
Practical							
MPTO-403P	Recent Advances in Orthopaedics (P)	2	64	4	40	60	100
MPTO-405P	Evaluative Clinical Practice-IV	4	192	12	40	60	100
Total Practical		6	256	16	80	120	200
Total both theory & Practical		26	576	36	320	480	800

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
Forth Semester (Sports)							
	Theory				Internal	External	Total
MPTS -401	Andragogy & Ethics in Physiotherapy	4	64	4	40	60	100
MPTS -402	Administration & Management in Physiotherapy	4	64	4	40	60	100
MPTS -403	Recent Advances in Sports	4	64	4	40	60	100
MPTS -404	Dissertation	8	128	8	120	180	300
Total Theory		20	320	20	240	360	600
Practical							
MPTS-403P	Recent Advances in Sports (P)	2	64	4	40	60	100
MPTS-405P	Evaluative Clinical Practice-IV	4	192	12	40	60	100
Total Practical		6	256	16	80	120	200
Total both theory & Practical		26	576	36	320	480	800
Forth Semester (Neurology)							
	Theory				Internal	External	Total
MPTN -401	Andragogy & Ethics in Physiotherapy	4	64	4	40	60	100
MPTN -402	Administration & Management in Physiotherapy	4	64	4	40	60	100
MPTO -403	Recent Advances in Neurology	4	64	4	40	60	100
MPTN -404	Dissertation	8	128	8	120	180	300
Total Theory		20	320	20	240	360	600
Practical							
MPTN-403P	Recent Advances in Neurology (P)	2	64	4	40	60	100
MPTN-405P	Evaluative Clinical Practice-IV	4	192	12	40	60	100
Total Practical		6	256	16	80	120	200
Total both theory & Practical		26	576	36	320	480	800


Registrar
 SGT University
 Budhera, Gurugram

Code	Subject / Course Name	Credits	Teaching Hours	Hours/ week	Evaluation scheme		
Forth Semester (Cardiopulmonary)							
	Theory				Internal	External	Total
MPTC -401	Andragogy & Ethics in Physiotherapy	4	64	4	40	60	100
MPTC -402	Administration & Management in Physiotherapy	4	64	4	40	60	100
MPTC -403	Recent Advances in Cardiopulmonary Conditions	4	64	4	40	60	100
MPTC -404	Dissertation	8	128	8	120	180	300
Total Theory		20	320	20	240	360	600
Practical							
MPTC-403P	Recent Advances in Cardiopulmonary Conditions (P)	2	64	4	40	60	100
MPTC-405P	Evaluative Clinical Practice-IV	4	192	12	40	60	100
Total Practical		6	256	16	80	120	200
Total both theory & Practical		26	576	36	320	480	800


Registrar
 SGT University
 Budhera, Gurugram