THE TAMILNADU DR. M.G.R MEDICAL UNIVERSITY,

CHENNAI-600 032.

MASTER OF PHYSIOTHERAPY DEGREE COURSE

INSPECTION REPORT

FOR THE ISSUE OF
CERTIFICATE OF REGISTRATION FOR STARTING
MASTER OF PHYSIOTHERAPY DEGREE COURSE

THE TAMILNADU DR. M.G.R MEDICAL UNIVERSITY,
CHENNAI- 600 032.
MASTER OF PHYSIOTHERAPY DEGREE COURSE
CERTIFICATE OF REGISTRATION
INSPECTION REPORT FOR THE ACADEMIC YEAR-_____

1.	Name of the Convenor with Designation and Address PhoneNo: Office: Mobile No: Email id:	
2.	Names of the Member with Designation and address PhoneNo: Office: Mobile No: Email id:	
3.	University Letter No.& date in which the Inspection Commission Constituted	
4.	Date of Inspection	
5.	Place and details of authorities representing the Management present at the time of Inspection	
6.	Name of the Society/Trust/Company and its Full registered address with Telephone numbers. (Copy of Registered Trust Deed to be enclosed)	
7.	Whether the proposed college is a Minority institution.	Minority / Non-Minority If it is minority furnish the Following details. G.O.(MS.)No. Dept. Dated :
8.	Name of the proposed Physiotherapy College and full address with Telephone Nos. where the Physiotherapy College is located. Email id:	

9	Name of the Principal Qualifications Teaching experience Experience working as Principal Residential Address Office: Mobile No:	
10	Name of the other courses run by the Trust **Note:** Where more than one course is conducted by the Trust, the Inspection Commission may ensure that the course under reference has got sufficient infrastructural facilities separately A) Specify the Physiotherapy courses conducted in the same complex	
11.	State Government Order No.& Date in which permission was accorded to start the Physiotherapy college and course (Copy of Orders to be enclosed)	G.O.(MS.)No. Dept. Dated:
	(a). Whether the applicant has proposed to start MPT Degree Course after BPT Degree Course	
	(b). Whether first batch of students of BPT Degree Course has successfully completed the course and has left the college (furnish month and year)	
12.	**GOVERNMENT ENDOWMENT:** Whether Trust/ Society/Company created required endowment for running the course with the Government of Tamil Nadu/ Director of Medical Education (Copy to be enclosed)	
13.	**LAND AND BUILDING**	
i)	**Registered Sale Deed** regarding proof of ownership of land. (Copy to be enclosed).	
ii)	**Original Sworn Affidavit** in Rs.200/ - Non- Judicial stamp paper to Be furnished in the enclosed format. By the Management	

iii)	**Legal Opinion** of the Government Pleader for the earmarked land with Survey Nos.	Name of the Govt. Pleader: Date of issue :

iv)	**Latest Encumbrance Certificate** Obtained from the Registering Authority (original)	E.C.No.: Dated: Issued by:
v)	**Certificate of evidence obtained From the Revenue Authority** stating that the ear-marked land at the proposed Physiotherapy College does not attract the T.N. Urban Land Ceiling and Regulations Act 1978, T.N. Town Country Planning Act1971 and T.N. Land Reforms Act 1961. (Copy to be enclosed). Specify whether Plan or non Plan area	
vi)	**Location of the Land** Furnish full address	
vii)	**Approved Building Plan** for the proposed Physiotherapy College issued by the Competent Municipal / Panchayat authority duly indicating their office ref. No. and date along with date and office seal including covering Letter for approval should been closed For the i. Academic Block ii. Hostels for boys and girls iii. Staff Quarters (Floor plan to be enclosed)	Approved by : Date of approval: Approval issued vide Lr.No.
viii)	**Building Completion Certificate** Issued by the competent authority viz., Corporation, MMDA, Municipality and Panchayat Board etc.,	Issued by: Ref. No.: Date :
ix)	Whether the Academic and Hostel block are located in an area of not less than 5 acres of land.	Type of Location: _____ Total area in acres: _____
x)	The applicant Institution / Trust should have a separate facility for clinical Training	

xi)	Adequate parking space and recreational area or open space for students	
xii)	Adequate space for out-patient Physiotherapy department, various laboratories, office space, class rooms, hostel and other ancillary facilities	
xiii)	READY BUILT AREA: Build up area not less than 35,000 sq.ft. for 50 seats BPT **Exclusive for MPT** **Two class rooms – 400 sq. ft. each (400 X 2 = 800 sq.ft.)** **Laboratory – 800 sq. ft. per speciality (For 2 specialities, 800 X 2 = 1600 sq.ft. For 3 specialities, 800 X 3 = 2400 sq.ft. For 4 specialities, 800 X 4 = 3200 sq.ft)**	
xiv)	Building should be barrier free accessible to persons with disability and as per NBCI guidelines (National Building Code of India)	
xv)	Building must be recorded on the appellate institute name or if the land is under lease agreement, it must be for at least 10 years.	
xvi)	Building must have requisite clearances from the respective civic and administrative authorities like- i. Fire NOC ii. structural stability certificate (Copy to be enclosed)	
xvii)	Building must have CCTV camera for surveillance for every area of common use as can be prescribed.	
14.	Installation of Biometric System to monitor the attendance	

15.	**SPACE ALLOTMENT FOR INTAKE OF 50 STUDENTS OF B.P.T.**					
SI. NO	**Particulars (per speciality)**	**Requirement per unit (Sq feet)**	**No of units**	**Total area required (Sq feet)**	**Available (Sq feet)**	**Shortfall (Sq feet)**
i)	Department Office	500	1	500		
	Dean/ Principal Office	300	1	300		
	Professor's Office	200	1	200		
	Associate Professor's office	100	1	100		
	Assistant Professor's office	50	2	100		
	Common room for Staff	500	1	500		
	Room for visiting faculty	300	1	300		
	Seminar room/ Mini Auditorium	1000	1	1000		
	Conference Room	1500	1	1500		
	Class Rooms with LCD projector/ smart class rooms / Slide Projectors with demonstration couches	1200	4	4800		
	Exclusive for MPT Class Rooms with LCD and demonstration couches	**400**	**2**	**800**		
	Students` common room [Girls]	500	1	500		
	Students common room [Boys]	500	1	500		
	Library with Reading Room	2500	1	2500		
	Discussions / Interaction room	200	1	200		
	Out-door Physiotherapy Department	2500	1	2500		
ii)	**Laboratories**	**Requirement per unit (Sq feet)**	**No of units**	**Total area required (Sq feet)**	**Available (Sq feet)**	**Shortfall (Sq feet)**

	Anatomy lab	1200	1	1200		
	Physiology lab	1200	1	1200		
iii)	**Departments**	**Requirement per unit (Sq feet)**	**No of units**	**Total area required (Sq feet)**	**Available (Sq feet)**	**Shortfall (Sq feet)**
	Exercise Therapy/ Therapeutic Exercise/ Kinesiotherapy Department	1200	1	1200		
	Electrotherapy and electro diagnosis Department	1200	1	1200		
iv)	**<u>EXCLUSIVE FOR MPT</u>** **Each speciality lab**	**800 (per speciality lab)**	**1**	**800**		
	As applicable to number of MPT speciality.	**800**	**2**	**1600**		
		800	**3**	**2400**		
		800	**4**	**3200**		
v)	**Other facilities**	**Requirement (Sq feet)**	**No of units**	**Total area required (Sq feet)**	**Available (Sq feet)**	**Shortfall (Sq feet)**
	Hostel for Girls	Separate / Shared with other institutions of the same management	1			
	Hostel for Boys		1			
	Play ground out door, List of Sports articles to be enclosed			Minimum 3000		
vi)	**Library**	**Requirement**			**Available**	**Shortfall**
	Text Books as per syllabus one copy of book per 10 students per subject.	600-700				
	Reference books	300 Advanced Books as per requirement				
	Journals	Minimum 5 indexed international journals should be provided for with additional journal in each elective area/specialty.				
	Subscription to electronic data	Required				

	base / e-journals			
vii)	Canteen facility for Student and staff			
viii)	Water cooler / safe drinking water facility			
ix)	Internet facility inside campus			
x)	Cycle/ Motor cycle/ car parking			
xi)	**PHYSICAL INFRASTRUCTURE** Whole Campus should be accessible for persons with disabilities			
16.	**HOSPITAL ARRANGEMENTS**			
a.	**Own Hospital**			
i)	Whether the Trust/ Society owns a hospital being run by it with minimum of 250 beds			
ii)	Whether the Trust has Own Hospital is having not less than 250 beds in the following speciality (Copy to be enclosed)	Own Hospital Name:……. License/ Registration No.…… Dt.…… Full Address: Copy of License and Certificate of Registration of Clinical establishment to be enclosed		
iii)	Departments	Required	Available	Shortfall
	Orthopaedics / Musculoskeletal departments			
	Medicine including rheumatology, geriatrics and emergency medicine			
	Surgery including plastic surgery and burns			
	Gynecology and Obstetrics			
	Neurology / Neurosurgery			
	Pediatrics, pediatric surgery and neonatal ICUs			
	Respiratory medicine			
	Cardiology including critical care and cardiothoracic surgery			
	Oncology and Radiotherapy			

	Total Bed Strength = 250	
iv	**Additional bed strength for MPT**	
	-According to NCAHP norms the patients-student ratio is 1:5 per speciality, i.e. 5 beds for a MPT seat. **-For maximum of 6 seats intake in a MPT specialty (6 X 5 = 30 beds)** **-For maximum of 4 seats intake in a MPT specialty (4 X 5 = 20 beds)** **- For maximum of 2 seats intake in a MPTspecialty (2 X 5 = 10 beds)** **- For a maximum of 24 seats in an academic year (24 X 5 = 120 beds)** **Total Bed Strength = 120**	
	a) Orthopaedics / Musculoskeletal departments	
	b) Neurology / Neurosurgery	
	c) Respiratory medicine & Cardiology including critical care and cardiothoracic surgery	
	d) Sports medicine & department admitting sport injuries	
	e) Pediatrics, pediatric surgery and neonatal ICUs	
	f) Gynecology and Obstetrics	
	g) Oncology and Radiotherapy	
	h) Rural community centres & PHC	
b.	**<u>Tie-up Hospital</u>**	
i)	Shall have a Tie-up with a Hospital with a minimum of 250beds Within a radius of 20km from the academic complex.	
ii)	Whether the Trust has Tie-up Hospital is having not less than 250 beds in the following speciality Copy of MOU to be enclosed	<u>Tie-up Hospital</u> Name:……. License/ Registration No.…… Dt.…… Full Address: Copy of License and Certificate of Registration of Clinical establishment to be enclosed

iii)	Departments	Required	Available	Shortfall
	Orthopaedics / Musculoskeletal departments			
	Medicine including rheumatology, geriatrics and emergency medicine			
	Surgery including plastic surgery and burns			
	Gynecology and Obstetrics			
	Trauma Units, Neurology / Neurosurgery			
	Cardio Pulmonary unit with intensive care facilities			
	Pediatrics, pediatric surgery and neonatal ICUs			
	Community Physiotherapy and Sports Unit			
	Respiratory medicine			
	Cardiology including critical care and cardiothoracic surgery			
	Oncology and Radiotherapy			
	Total Bed Strength = 250			
iv)	**Additional bed strength for MPT MOU should specify that tie up hospital bed strength must meet the additional patients load for MPT program.**			
	- According to NCAHP norms the patients-student ratio is 1:5 per speciality, i.e. 5 beds for a MPT seat. **- For maximum of 6 seats intake in a MPT specialty (6 X 5 = 30 beds)** **- For maximum of 4 seats intake in a MPT specialty (4 X 5 = 20 beds)** **- For eg. Maximum of 2 seats intake in a MPT specialty (2 X 5 = 10 beds)** **- For a maximum of 24 seats in an academic year (24 X 5 = 120 beds)** **Total Bed Strength = 120**			
	a) Orthopaedics / Musculoskeletal departments			
	b) Neurology / Neurosurgery			
	c) Respiratory medicine & Cardiology including critical care and			

	cardiothoracic surgery				
	d) Sports medicine & department admitting sport injuries				
	e) Pediatrics, pediatric surgery and neonatal ICUs				
	f) Gynecology and Obstetrics				
	g) Oncology and Radiotherapy				
	h) Rural community centres & PHC				
iv)	**Name of the Hospital (Tie-up)**	**Bed Strength**	**Consent Lr. No. &Dt. Issued by The Hospital**	**Period of Tie-up**	
				From	**To**
	(i) (ii) (iii) (iv) (v)				
v)	(i)The MOU should mention the available clinical specialties, patient loads and availability of required equipment for clinical training with names (ii)The MOU should mention designations of the faculties responsible for the training in the hospital				
17.	**EARMARKED ASSETS:** Details of earmarked assets and resources exclusively available to run the Physiotherapy College. (Produce evidence like Fixed Deposit Receipts etc.)				
18.	**FINANCIAL SOUNDNESS** The Management of the Physiotherapy College shall show evidence of an annual Income of not less than Rs.15, 00, 000/- (Rupees Fifteen Lakhs only) to facilitate the proper running of the Under Graduate Course in Physiotherapy College.				
19.	**BALANCE SHEET** Latest Balance sheet duly certified by A Chartered Accountant showing The financial soundness to run the Physiotherapy college to been closed.				

20.	**DETAILS OF TRANSPORTATION** No. Of vehicles with seating capacity (Copy of Driver's details with License and RC book to be closed)	
21.	**FURNITURE** Details of Furniture available in the Physiotherapy college for Faculty, Students, Office Staff, classrooms, Laboratory, library etc., (List of Furniture to be enclosed)	
22.	Payment of Current Inspection Fees	
23.	Note:- The inspection commission is requested to make sure that **no Recommendations or comments whatsoever made by yourself in the report. Other than this to enclose Confidential report on the basis of observations are made separately**	

PLACE:

DATE:

SIGNATURE OF THE MEMBER
(NAME IN BLOCKLETTERS)

SIGNATURE OF THE CONVENOR
(NAME IN BLOCKLETTERS)

(To be furnished in the Rs.200/- Non judicial stamp paper duly signed by the Managing Trustee and counter signed by the Notary Public with seal)

SWORN AFFIDAVIT

We here by declared that the following lands owned by us have been ear-marked for the purpose of starting M.P.T. Degree Course at the ..... college at …… …..... run by ..... trust

Si. No	Lands registered Under document No. and date	Survey No.	Land in Acres	Location of the land

Signature of the Managing Trustee
With Seal & date

Signature of Notary
Public with seal& date

CHECK LIST

Laboratories - ANATOMY

SN	COMPONENTS	LABORATORY
1	Dissection facility	Minimum 2 cadavers
2	Disarticulated bone set including spine set	Minimum 5 sets
3	Specimen/model for soft parts [heart, lung, brain, spinal cord, lower limb, upper limb, spine, GI system, male and female urogenital system]	Minimum 2 sets
4	Anatomy Software and Virtual Anatomy Models computer with internet connection along with multimedia projector and screen. PC should be installed with software and virtual anatomy models for teaching musculoskeletal and neurological anatomy	Updated version of software

Laboratories - PHYSIOLOGY

SN	COMPONENTS	LABORATORY
1	Microscope oil immersion with single and double demonstration eye piece	10
2	Westergren's pipette for E.S.R. on stand (with space pipette)	MINIMUM 50
3	Wintrobe's pipette for ESR and PCV with stand	MINIMUM 50
4	Hemoglobin-meter	MINIMUM 50
5	Hemocytometer	5
6	Tuning fork time marker	2
7	Sphygmomanometer (mercury and digital)	10 EACH
8	Stethoscopes	10
9	Stethoscopes for demonstration with multiple earpieces (desirable)	5
10	Polygraphs	1
11	Spirometer	20
12	Gas analysis apparatus. Halden's student type	1
13	Van Slyke's apparatus manometric	1
14	Shenington Starling kymograph (electrically driven)	2
15	Gas analyser automatic for CO2. 02, N2	1
16	Basal metabolism apparatus	1
17	Mosso's Ergograph	5
18	Clinical thermometer	20
19	Compass aesthesiometer	1
20	Thermo-aesthesiometer	1
21	Algometer	1
22	Knee hammer	25
23	Bicycle Ergometer	2
24	Schematic eye	1
25	Newtons color wheel	1
26	Tuning fork to test hearing 32-10000 cps(sets-	1

	100.256.512Hz)	
27	Dynamometer	1
28	Perimeter with charts (Lister"s)	1
29	Color perception lantern Edridge green	1

EXERCISE THERAPY/ KINESIOTHERAPY/ GYMNASIUM

S.NO	Name of Instruments	LAB	OPD
1	Parallel bar	1	1
2	Wall bar	1	1
3	Suspension frame with apparatus	4	1
4	Ergocycles	1	1
5	Blood pressure apparatus	10	2
6	Large full size mirrors	1	1
7	Wrist roller/exercise	1	1
8	Stepper	1	1
9	Shoulder wheel	1	1
10	Walker with adjustable heights	5	2
11	Walker with adjustable heights with castor	2	1
12	Axillary and elbow crutches (adjustable)	10 pairs each	2 pairs each
13	Tripod stick, quadripod adjustable	10 each	2 each
14	Aluminum sticks	10	2
15	Vestibular balls – 26”, 30”, 34”	2 each	1 each
16	Delorme shoes with weights	6 pairs	1 pair
17	Staircase and slope	1	1
18	Tilt table	1	1
19	Goniometers – 180, 360	10	1
20	Digital goniometres	5	1
21	Inclinometer	5	1
22	Spinal goniometer	1	1
23	Reflex Hammers	10	1
24	Quadriceps table with weights	1	1
25	Equilibrium board both adult and pedi-atric	1	1
26	Exercise mats	6	4
27	Dumbbells, weightcuffs, sandbags, springs of different weights and strengths	4 sets each	1 set each
28	Rope & Pulley set	20	5
29	Progressive resistance station /Multi Gym	1	1
30	Bolster 3 sizes	1 each	1
31	Rowing machine	1	1
32	Ankle exerciser	1	1
33	Wedge	2	1
34	Medicine balls	10	3
35	Resistive bands Different colors	10 each	5
36	Finger ladder	1	1
37	Skates	6	2

38	Pedo cycle	1	1
39	Wheel chairs with detachable arm rest	5	2
40	Wooden Plinth	6	3
41	Hand dynamo meter	1	1
42	Skin fold caliper	1	1
43	Body composition analyzer	1	
44	Weighing scale	1	1
45	Stadiometer (Height Measuring scale)	1	1
46	Computerized Treadmill	1	1
47	Sensory assessment kit	1	1
48	Pain assessment instrument (PPT-Algometer)	4	1
49	Hydrotherapy Unit	1	1

ELECTRO THERAPY & ELECTRODIAGNOSIS LAB

S.NO	Name of Instruments	LAB	OPD
1	Short wave diathermy	4	2
2	Microwave Diathermy	1	1
3	Pulse Diathermy (PEME)	2	1
4	Diagnostic stimulator	4	2
5	Ultrasound therapy unit 1 &3 MHz	4	2
6	Paraffin wax bath unit	2	1
7	Infrared lamp- Luminous & non-luminous	4	2
8	Cold pack unit/ refrigerator with cryo pack of different sizes	1	1
9	Hot pack unit/ hydro collator unit with 6 packs	2	1
10	Laser Unit	3	1
11	Interferential Theory unit	3	2
12	Trans cutaneous nerve stimulator (TENS)	3	2
13	E.M.G./N.C.V	1	1
14	Diagnostic stimulator	2	2
15	EMG Biofeedback unit	1	1
16	Extracorporeal shock wave therapy	1	1
17	Combination therapy	1	1

MANDATORY GENERAL EQUIPMENTS FOR BPT/MPT COURSE

S.No	NAME OF THE EQUPMENTS
1.	Computer with Accessories Pentium-IV Computer/ Laptop Computer with windows 2000/ Windows XP With internet
2.	Calculator
3.	Laptop including Printing facility
4.	Data card
5.	Explorer/ Mozilla Firefox, Adobe Acrobat Reader, Anti virus software- 2Nos
6.	Laser printer/ Ink jet printer 2 Nos

7.	1KVA UPS with a minimum of 2 hours of backup 2Nos
8.	Copier machine with minimum of 90PPM 1Nos
9.	Broad band internet 1Nos
10.	Wireless phone with internet cable USB wireless Internet data card (as alternative to broad band internet failure)–1No.
11.	Power generator–1No.
12.	Camera for recording the examination–4Nos.
13.	Mobile phone Jammer(5G)–1No.
14.	Metal detector –2No.
15.	Storage cabinets–6nos

Equipment for Specific-Electives: - Mandatory (minimum one unit)

1. Neurological Physiotherapy
    1. Neuro-Exercise Unit
    2. 4 Channel EMG with nerve-conduction testing facility
    3. Biofeedback unit with the facility to do quantitative analysis and therapy
    4. Sensory integration kits
    5. Balance boards
    6. Gait analyser
    7. Balance analyser and balance trainer
    8. Functional Electrical Stimulator
    9. Trancranial Magnetic stimulation device
    10. Transcranial Direct current stimulation device
    11. Mirror therapy
    12. Unweighing harness system with treadmill
    13. Tilt table
    14. Dynamometers
    15. Gait belts
    16. Robotics for upper limb and lower limbs- Desirable
    17.Video camera and player (with jog shuttle facility) for movement analysis desirable
    18. Virtual/ augmented reality device
2. Musculoskeletal Physiotherapy
    1.Dynamometer – myometre
    2. Electronic goniometry
    3. Algometre
    4. Hand Evaluation kit
    5. Biofeedback unit with facility EMG unit with integrated analysis software provided
    6. Video camera and player (with jog shuttle facility) for movement analysis
    7. Isokinetic Unit – desirable
    8. Motion analysis
    9. Continuous passive motion devices
    10. Shock wave unit
    11. Spinal Decompression unit
    12. Attachment with prosthetic orthotic unit.
3. Cardio Vascular-Respiratory Physiotherapy
    1. Treadmill / Bicycle Ergo meter with facility for TMT
    2. Spiro meter Portable
    3. Pulmonary function test unit
    4. Suction apparatus

5. Peak Flow meters
6. Pulse Oximeters
7. Mannequin for CPR training
8. Flutter
9. Fat fold caliper 6
10. BiPAP/CPAP – desirable
11. Body Composition analyzer- desirable
12. Energy Consumption analyzer – desirable
13. Couches pillows bed sheets chairs

4. Paediatric physiotherapy
    1. Well-equipped Play room
    2. Sensory Integration Room
    3. Swiss balls
    4. Positioning devices
    5. Attachment to a CHC is a must
    6. Ball pool
    7. Mannequin for pediatric CPR training
    8. Audio-Visual room
    9. Accessibility to a mobile Physiotherapy Unit is desirable
    10. Attachment with prosthetic orthotic unit
    11. Couches pillows bed sheets chairs
5. Sports physiotherapy
    1. Fitness measurement instrumentation
    2. Access to advanced sports centre/gymnasium
    3. Hydrotherapy pool for underwater treadmill /bicycle
    4. Sauna bath
    5. Medicine ball/ Swiss balls Thera bands
    6. Equipment for anthrometric measurements
    7. Body composition analyser
    8. Mannequin for CPR training
    9. Biofeedback unit with facility EMG unit with integrated analysis software provided
    10. Video camera and player (with jog shuttle facility) for movement analysis desirable
    11. Isokinetic Unit – desirable
    12. Equipment for Motion analysis – desirable
    13. Tie up with recognized sports academy/ center
6. Obstetrics & Gynaecology Physiotherapy
    1. Mirror
    2. Ultrasound machine
    3. TENS
    4. IFT
    5. Electrical stimulator with vaginal electrode
    6. Perineometer
    7. Vaginal cones with different weights
    8. Pressure biofeedback
    9. Medicine ball/ Swiss balls
    10. Dumbbells set/Therabands/Theratubes
    11. Weighing machine
    12. Low mats/Chairs

7. Oncological Physiotherapy –
    1. Pneumatic compression therapy unit with accessories for upper and lower limbs (2)
    2. EMG Bio feedback Unit (1)
    3. Muscle stimulator (1)
    4. Interferential therapy Unit (1)
    5. Attachment with tertiary care oncological hospital

8. Community Physiotherapy
    1. Attachment to a PHC is a must
    2. Accessibility to a mobile physiotherapy unit
    3. Basic rehabilitation set up in college building