

Dr. Vithalrao Vikhe Patil Foundation's

COLLEGE OF PHYSIOTHERAPY

Opp. Govt. Milk Dairy, M.I.D.C., Ahmednagar-414111

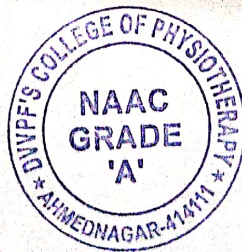
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Annexure - VI

Equipment & Instruments



DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR PHYSIOTHERAPY LABORATORY AS PER MSR

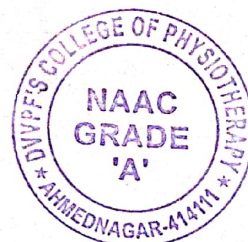
Faculty : Physiotherapy

YEAR 2024- 2025

College Naem: Dr. Vithalrao Vikhe Patil Foundation's College of Physiotherapy, Ahmednagar College Code: 1305001

Equipment's required for laboratories (as per M.S.R.)

Sr.No.	Particulars to be verified	Details on College Website	Adequate / Inadequate
1	Electrotherapy & Electrodiagnosis (as per M.S.R.): Cubicles with Separate Power line (earthed), Hot Pack Unit (Machine), Hot Packs, Cold Pack Unit, Cold Packs, Paraffin Wax Bath (PWB), Open circuit Stimulator, Shortwave Diathermy - 500W, UVR Lamp (Floor Model), Ultrasound Unit, I.R. lamp, Whirlpool Bath (Desirable), Diagnostic Stimulators, TENS Unit, Interferential Current Therapy Unit (IFT), LASER Unit (Therapeutic) (Desirable), Cervical cum lumber traction Units, Wall Mounted Cervical Traction Unit, Contrast Bath, Exam Couch, Two channeled EMG with IP analyzer, Biofeedback /multi stimulator.	Yes	Adequate
2	Kinesiotherapy (as per M.S.R.): Cubicles, Parallel Bar with Mirror, Wall Bar (In metal Frame), Stair Case (Straight Type – 60CM Wide), Suspension App., Tilt Table (Manual), Ergocycle, Rowing Machine, Exam Couch, Exercise Mat, Dumbells & Springs, Weight cuffsm Wedges, Sand Bags, Medicine Ball, Therabands, Swiss Ball (Physio Balls) 55cms, 65cms, 75cms, 85cms, Hand Dynamometer, Hand Evaluation Kit, Delorme's Boot with weight, Hand Exercise Unit, CPM Unit, Shoulder Wheel, Finger ladder, Skates, Skate Board, Axillary / Elbow Crutches , Walkers, Canes, Gutter Crutch, Wobble Board, Equilibrium Board Pediatric and Adult, Quadriceps Table, Ankle Exerciser, Bed Cycle, Ratchet, Wrist Roller / Wrist Exerciser, Therapeutic Folded Wheel Chair, Pelvic Inclinometers, B.P. Apparatus, Goniometer, Hammer, Yoga Mat.	Yes	Adequate



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A. Department of Kinesiotherapy and Physical Diagnosis.

Sr. No.	List of Equipments
1.	Cubicles
2.	Parallel Bar with Mirror
3.	Stair case
4.	Suspension App.
5.	Tilt table
6.	Ergo-cycles
7.	Rowing Machine
8.	Exam couches
9.	Exercise mates
10.	Dumbbells and springs
11.	Weights / wedges
12.	Manual cervical & lumbar traction
13.	Sand bags
14.	Medicine balls
15.	Thera-bands
16.	Swiss balls 24" & 36"
17.	Hand exercise kit
18.	CPM
19.	Shoulder wheel
20.	Skates
21.	Axillary / Elbow crutches & walkers & canes
22.	Wobble board
23.	Quadriceps table
24.	Wheel chairs
Sr. No.	List of Charts.
1.	Abdominal Medicine Ball Ex's for advanced
2.	Lower body training ex's
3.	Upper body workout

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4.	Body fat % chart
5.	Flexibility chart
6.	General mobility ex's
7.	Abdominal Ex's with Swiss Ball
8.	Abdominal Ex's for Beginners
Sr. No.	<u>List of Furniture</u>
1.	Plinths
2.	Tilt table
3.	Stools (chair)
4.	Table (Staff)
5.	Chair
6.	Exercise Mats
7.	Exercise Charts
8.	Sheet
9.	Exercise (yoga) mats

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B. Department of Electro Therapy & Electro diagnosis.

Sr. No.	List of Equipments
1.	15 cubicles separate power line (earthed)
2.	Hot packs (12)
3.	Cold packs (12)
4.	PWB
5.	Open circuit stimulator
6.	SWD
7.	UVR
8.	Ultrasound
9.	I.R.
10.	Diagnostic Stimulators
11.	TENS unit
12.	Interferential current therapy unit
13.	Cervical & lumbar traction units

List of Charts.

1.	Motor Point charts 1. Hand – dorsal Aspect 2. Hand – Palmar Aspect 3. Arm & Forearms – Anterior Aspect 4. Arm & Forearms – Posterior Aspect 5. Lower Extremity – Anterior Aspect 6. Lower Extremity – posterior Aspect 7. Back 8. Facial Muscles
2.	Stimulation with Faradic type current 1. Quadriceps 2. Abductor Hallucis 3. Plantar interossei 4. Lumbricals of foot 5. Faradic foot bath

List of Furniture

1.	Couches (with mat & pillows)
2.	Trolleys
3.	Stainless steal shelves
4.	Office Table
5.	Chair
6.	Stools

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C. Department of Musculoskeletal Physiotherapy:

Sr. No.	List of Equipments
1.	Dumbbells
2.	Springs
3.	Thera-bands
4.	Theratubes
5.	Medicinal ball
6.	Crutches
7.	Walker
8.	Staircase
9.	Shoulder wheel
10.	CPM
11.	Traction unit
12.	Suspension unit
13.	Quadriceps table
14.	Rowing machine
15.	Skates
16.	Splints
17.	Stationary Bicycle
18.	Finger ladder
19.	Wobble board
20.	Hand Held Dynamometer
21.	Wight cuffs
22.	Wheel chair
23.	Wooden wedge
24.	Overhead Pulleys
25.	Shoulder Ladder
26.	Hand Rehabilitation Table
27.	Goniometer- Half Circle, Full Circle, Digital
Sr. No.	List of Charts
1.	Convex – concave Rule
2.	McKenzie Extension Exercises
3.	Mulligan's Technique
4.	Delorme – DAPARE Technique
5.	Orthosis – Classification
6.	Prosthesis – Classification
7.	Williams Flexion Exercises
8.	Grades of Maitland and Kalternborn Technique
9.	Common Musculoskeletal Conditions Treated by Physiotherapist
Sr. No.	List of Furniture
1.	Office Table
2.	Chairs
3.	Cupboard

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D. Department of Community Physiotherapy.

Sr. No.	List of Equipments
1.	Parallel bar
2.	Steps
3.	Wobble board
4.	Tilt bed
5.	Thera-band
6.	Springs
7.	Weight
8.	Walker / crutches
9.	Suspension unit
10.	Rowing machine
11.	Skates
12.	Splints
Sr. No.	List of Charts
1.	Yoga during pregnancy
2.	Ergonomics for computer operator
3.	Back care-do' and don'ts
4.	BMI and waist circumference
5.	Guidelines for the PC workstations
6.	Learning of upper extremity activity
7.	Amputation measurement
8.	ANC Classes
9.	Thera-band Exercises
10.	Precaution during Pregnancy
11.	Physiotherapy in Obstetrics & Gynecology
12.	Parallel bar
Sr. No.	List of Furniture
1.	Office Table
2.	Chairs
3.	Cupboard

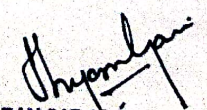

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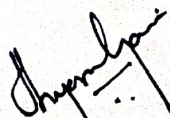
E. Yoga and Clinical Skill Laboratory Instrument List

Sr. No.	List of Equipments, Charts & Models
1.	Swiss ball
2.	Wobble board
3.	Parallel bar
4.	Tilt bed
5.	Neuro sensory kit
6.	Thereband
7.	Exercise mats
8.	E.M.G. N.C.V.
9.	Balance Board
10.	Crutches
11.	Walker
12.	Staircase
13.	Splints
14.	Stationary Bicycle
15.	Charts
16.	Wight cuffs
17.	Wooden wedge
18.	Wheel chair
19.	Parallel bar
20.	Steps
21.	Toys
<u>List of Furniture</u>	
1.	Office Table
2.	Chairs
3.	Cupboard


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F. Exercise Physiology and Fitness Laboratory Instrument List

Sr. No.	List of Equipments, Charts & Models
1.	Treadmill
2.	Ergo cycles
3.	Peak flow meter
4.	Pulse oxymeter
5.	ECG
6.	Oxygen cylinder
7.	Portable suction machine
8.	BP apparatus and stethoscope
<u>List of Furniture</u>	
4.	Office Table
5.	Chairs
6.	Cupboard


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G. Department of Neurosciences Physiotherapy

Sr. No.	List of Equipments
1.	Swiss ball
2.	Wobble board
3.	Parallel bar
4.	Tilt bed
5.	Neuro sensory kit
6.	Thera-band
7.	Exercise mats
8.	E.M.G. N.C.V.
9.	Balance Board
10.	Crutches
11.	Walker
12.	Staircase
13.	Splints
14.	Stationary Bicycle
15.	Charts
16.	Wight cuffs
17.	Wooden wedge
18.	Wheel chair
19.	Parallel bar
20.	Steps
21.	Toys
Sr. No.	List of Charts
1.	Bed Mobility activities Rolling Pelvic bridging Quadriceps position Modified plantigrade position Sit to stand movements Sifting with extended arm suspect
2.	PNF D1 Flexion D2 Flexion D1 Extension D2 Extension
3.	Gait Training
4.	Social development
5.	Speech of languages development
6.	Cognitive development
7.	Cognitive development
8.	Gross motor development
9.	Safety Measures for children
Sr. No.	List of Furniture
11.	Office Table
12.	Chairs
13.	Cupboard

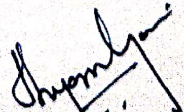
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H. Department of Cardiovascular & Respiratory Physiotherapy:

Sr. No.	List of Equipments
1.	Treadmill
2.	PFT Unit
3.	Ergo cycles
4.	Peak flow meter
5.	Pulse oxymeter
6.	ECG
7.	Oxygen cylinder
8.	Portable suction machine
9.	BP apparatus and stethoscope
10.	Flutter
11.	Incentive Spirometer
Sr. No.	List of Charts
1.	Energy Consumption During various Physical Activities
2.	Exercise testing Protocols
3.	Dyspnea and RPE Scales
4.	Burn-Rule of Nine
5.	BMI grading chart
6.	Components of fitness
7.	Postural drainage 1. Upper lobe 2. Middle lobe 3. Lower lobe
Sr. No.	List of Furniture
1.	Office Table
2.	Chairs
3.	Cupboard


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