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#### **DETAILS OF LABORATORIES**

#### List of equipment available in the Department of Physiotherapy.

#### 1-DEPARTMENT OF NEURO-REHAB AND NSS

Sl	EQUIPMENT	MODEL NO./SL	QTY
No		NO.	
01	PARALLEL BAR WITH MIRROR		02
02	STAIRCASE WITH SLOPE		01
03	SUSPENSION FRAME WITH		01
	ACCESSORIES		
04	TILT TABLE		01
05	ERGO CYCLE		01
06	EXAM COUCHES INACTION BED		10
07	DUMBBELLS	1Kg	04
		2Kg	02
		5Kg	01
		10Kg	02
08	WEDGES		01
09	SANDBAGS (WEIGHT CUFF)	1Kg	04
		2Kg	03
		1/2Kg	02
10	THERABANDS		05
11	SWISS BALL		02
12	HAND DYNAMOMETER	IMI Delhi	01
13	DELORON'S BOOT WITH WEIGHTS	1Kg.(2); 0.5Kg.(2)	
14	HAND EXERCISE KIT		01
15	CPM MACHINE		01
16	FINGER LADDER		01
17	AXILLARY CRUTCH		04 pairs
18	ELBOW CRUTCH		04
19	TRIPOD		01
20	WALKING STICK		01
21	WALKING FRAME		02
22	ROLLATOR (WALKER)		02
23	STABILITY TRAINER (WOBBLE		01
	BOARD)		
24	QUADRICEPS TABLE		01
25	ANKLE EXERCISER		01



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26	WHEELCHAIR		02
27	PELVIC INCLINOMETER (FLEXO		01
	METER)		
28	MULTIGYM		01
29	ROCKER BOARD		01
30	SHOULDER WHEEL		01
31	HAND EXERCISE TABLE		01
32	CREPE BANDAGES		02
33	DOOR MATE		03
34	ACUPRESSURE ROLLER AND BALL		05
35	VEGETABLE KIT		02
36	TOYS(CREATE SOUND)		01
37	DRUM		01
38	THERA TUBES		01
39	PEG BOARDS		02
40	TRAMPOLINE		01
41	SPRING FOR EXERCISE		01
42	ROWING MACHINE		01
43	BOLSTER		01
44	STANDING AND SITTING FRAME		01
45	MEDICINE BALL	4Kg	01
46	HAND EXERCISE TABLE		02

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#### 2-DEPARTMENT OF ELECTROTHERAPY AND ELECTRO DIAGNOSIS

SL	EQUIPMENTS	MODEL NO / SL NO	QTY
NO			
01	HOT PACKS		02
02	COLD PACKS		02
03	1) SWD (Make-ELECTROWAVE)	1. (8-15)-300/T-2680	02
	2) SWD-500wt Trolley Modelwith Disk	2. SWD 500watt/SWDS-	
	Electrode and all standard accessories	1761	
04	IR (Make-NISCOMED)	IR-112	01
05	STIMULATOR	1. TD-3687/(8-16)	02
	(Make-TECHNOMED ELECTROMICS)	2. TD-2768/(10-14)	
0.6	TENTA	GL 2002 ALIG 16	0.1
06	TENS	SI-2003, AUG-16	01
07	IFT	SL NO-PMP-1747	01
07	(Make-TECHNOMED	SENO-IMI-1/4/	U1
	ELECTRONICS)		
	ELLECTROTICES)		
08	TRACTION UNIT (Make-AUTO TRAC)	(7-15)/1557	01
09	LESER + 2 Protective wear	TLS-011	01
10	1)ULTRASOUND (Make-TECHNOMED	1.TU3-389	02
	ELECTRONICS)	2.DSD-7181	
	2) ULTRASOUND unit with computerized 1		
	and 3 MHz with 70 preprogram digital		
	model		
11	HYDROCOLLATOR		01
	(Make-PHYSIO SOLUTION)		
12	PARRAFIN WAX BATH		01
	MACHINE		



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#### 3- DEPARTMENT OF MOVEMENT SCIENCES

SL	<b>EQUIPMENTS</b>	MODEL	QTY
NO		NO/SL NO	
01	YOGA MAT		03
02	GONIOMETER		02
03	TUNNING FORK		01
04	WEIGHT		01
	MACHINE		
05	TENDON		02
	HAMMER		
06	INCH TAPE		01

#### 4- DEPARTMENT OF CARDIAC REHABILITATION

SL	EQUIPMENTS	MODEL NO / SL NO	QTY
NO			
01	SKINFOLD CALLIPER		01
02	BODY FAT ANALYZER	HBF-315 AP/20150800806F	01
03	HEIGHT EASUREMENT SCALE		01
04	SPIROMETER	RM SHELIOS 40/H411608036	01
05	PULSE OXIMETER		01
06	NEBULIZER	CN-06	01
07	PORTABLE SUCTION MACHINE	CAMI/SL NO -068806	01
08	SPHYGMOMANOMETER		01
09	STHETHOSCOPE		03
10	MYO TRAC		01
11	ADULT AMBU BAG		01
12	X-RAY VIEWER		01
13	STRETCHER		01
14	VACCUM THERAPY UNIT		01
15	INCENTIVE SPIROMETER		01
16	BOLSTER (BIG)		01

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#### DEPARTMENT OF PHYSIOLOGY

SL	EQUIPMENTS	MODEL NO/SLNO	QTY
NO			
01	COMPOUND MICROSCOPE		02
02	ERYSCREEN (A+B+C)		01
03	HAEMOCYTOMETER		03
04	WBC FLUID		01
05	RBC FLUID		02
06	LEISHMAN STAIN		03
07	WATCH GLASS		04
08	PETRI DISH		10
09	SLIDES		04
10	CADARWOOD OIL		01
11	RECTANGULAR TRAYS WITH LID		03
12	MAGNESIUM		01
12	SULPHATE HEPTA		
13	HCL ACID		01
14	SODIUM CITRATE		01
	SOLUTION		
15	SULOHURIC ACID		01
	SOLUTION		
16	PLATELET		01
	COUNTING FLUIDGLUCOSE		
17	D-GLUCOSE		01
18	AMMONIUM		01
	SULPHATE		
19	SODIUM CARBOXY		01
	ANHYDROUS		
20	DEIONISED WATER		01
21	FORMAL DEHYDE		01
22	NITRIC ACID		01
23	AMMNIA SOLUTION		02
24	BARIUM CHLORIDE		01
25	I-NAPTHOL LR		02
26	FILTER PAPER		16



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27	TEST TUBE	07
28	TEST TUBE HOLDER	03
29	GLASS BEAKER	02
30	HAEMOMETER	02
31	CAPILLARY TUBE	02
32	BOROSILICATE GLASS	01
33	POWDER	02
34	DROPPER	01
35	HANCCTEX SILK THREAD	01
36	METHYL BLUE ALKALINE	01
37	IMMERSION OIL	01
38	MAGNESIUM SULPHATE EXTRAPURE	01
39	SODIUM NITROPRUSIDE	01
40	EMPTY SOLUTION BOTTEL	04
41	RESORCINO C6H6O2	01
42	AMMANIUMMULBDATE	01
	TETRAHYDRATE	
43	SOLUTION WEIGHT SET	01
44	KIDNEY TRAY	01

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#### <u>List Of Equipments Available</u> <u>In Department Of Speech And Language</u>

#### **EQUIPMENTS AND DEVICE**

- a. Dr. Speechb. Speech trainer
- c. Endoscope
- d. Spirometer
- e. Praat
- f. Tape recorders
- g. Headphone with microphone with good noise cancellation

#### LIST OF TEST TOOLS

#### I. Tools For Autism(ASD)

- a. The Childhood Autism Rating Scale
- b. Autistic Behaviour Composite Checklist and Profile
- c. Autism Checklist
- d. The Diagnostic Scale For Autism Spectrum Disorders
- e. DSM-IV(TR) (APA, 2000)
- f. Test For Everyday Attention For Children

#### II. Endoscopic Swallowing Evaluation

#### **III.** Test Tools For Fluency

- a. Proforma For Fluency Disorders
- b. Stuttering Severity Rating Guide
- c. Stuttering Prediction Instrument For Young Children
- d. SSI-4
- e. Proforma For Fluency Assessment

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#### IV. Test Tools For Aphasia

- a. BDAE
- b. Western Aphasia Battery Test
- c. Revised Token Test In Kannada
- d. Proforma For Aphasia and Allied Disorders

#### V. Test Tools For Auditory Development Scale

a. Proforma For Laryngectomy

#### VI. Test Tools For Language Disorders

- a. Cognitive Milestones
- b. Pragmatic Milestones
- c. Appraisal Of Language Disturbance
- d. Social Skills Milestones
- e. 3D-LAT
- f. M-CHAT
- g. SECS
- h. Early Reading Skills

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## <u>List Of Equipment, Performa And Questionnaires Available In Department Of</u> Audiology

1. Case mistory	1.	Case	history
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- 2. Odia/Hindi/English/Gujarati/Kannada/Tamil/Telugu/Malayalam spondee and PB wordlist
- **3.** Hearing handicapped inventory for adults(HHIA)
- **4.** Hearing handicapped inventory for elderly(HHIE)
- **5.** Hearing handicapped inventory for elderly(HHIE-Odia)
- **6.** Tinnitus handicap inventory
- 7. Patient self-assessment for communication
- 8. Significant other assessment of communication
- **9.** Vertigo questionnaire
- 10. Dizziness and balance medical history questionnaire
- 11. Dizziness handicap inventory
- 12. Vestibular rehabilitation benefit questionnaire
- 13. Revised CAP (CATEGORY OFV AUDITORY PERCEPTION) SCALES
- 14. INTEGRATED SCALES OF DEVELOPMENT

#### LIST OF EQUIPMENTS AVAILABLE

- 1. BERA vivosonic integrity V500
- 2. Audiometer interacoustics AD229e
- 3. Screening audiometer auditivo micro plus
- **4.** Immitance audiometer inventis flute 2
  - **5.** OAE screening maico
- **6.** Biologic 580-ax2191
- **7.** VNG
- **8.** Immitance audiometer at 235h
- **9.** Triveni talkback amplifier tba1
  - 10. Sound level MEXTECH SL-4012

# H

### INSTITUTE OF HEALTH SCIENCES

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#### **TIE UPS AND LINKAGES' WITH VARIOUS OTHERORGANIZATION**



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Ref: IHS/Pri/527/20-21

Date: 29.01.2021

To

The Commandant SOG, Chandaka Bhubaneswar

Sub: - Services of Physiotherapy Experts

Dear Sir/Madam,

Greetings from Institute of Health Sciences.

With reference to your letter No- 89/SOG-Trg, Dtd- 25.1.2021, it is an honor to provide services to elite police force of Odisha dealing with Anti NAXAL operations in different districts of Odisha. Our trained professional and BPT final year students have been selected to provide the above services at your center.

Looking forward to your confirmation so that we can start the services at the earliest.

This is for your kind needful actions please.

Schedule of Postings:

Days: Monday, Wednesday, Friday

Time: 9:15 am to 11:15 am

The posting should start from 8<sup>th</sup> Feb 2021. The group shall consist of one faculty

member as supervisor with about 7 students per group

Thank you

Yours Truly

C. Vei872.01.2021 Dr. S. N. Mishra

Principal Principal

Institute of Health Sciences

Bhubaneswar



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#### **LABORATORIES**











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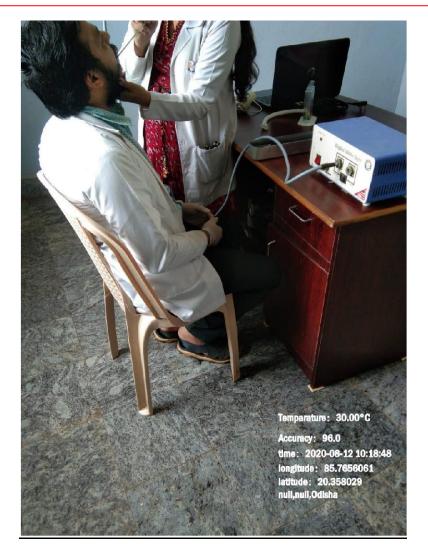
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#### **HERBAL GARDEN PLANTSDETAILS**

#### **Medicinal Plants**

Sl. No	Plants Name	<b>Botanical Names</b>
1.	Giloi	Tinospora cordifolia
2.	Ghritkumari (Aloe vera)	Aloe barbadensis miller
3.	Tulsi	Ocimum tenuiflorum
4.	Amla (gooseberry)	Phyllanthus emblica
5.	Pasaruni	Paederia foetida
6.	Neem	Azadirachta indica
7.	Haldi(Turmeric)	Curcuma longa
8.	Insuline	Costusigneus
9.	Sankhapushpi	Convolvulus Pluricaulis
10.	KeuKeuka(gokulakanta)	Hygrophila auriculata
11.	Gugul	Commiphora caudata
12.	Rosemary	Salvia rosmarinus
13	Spurflowers(Ajwaini sented leaves)	Coleus barbatus
14.	Pippermint	Mentha X piperita
15.	Aswagandha	Withania somnifera
16.	Pipali	piper longum
17.	Bacha (sweet flag)	Acorus calamus
18.	Shatavari	Asparagus racemosus
19.	Bhuin Kakharu (Giant Potato)	Ipomoea mauritiana
20.	Dalchin	Cinnamomum verum
21.	Arjun	Terminalia Arjun
22.	Asoca	Saraca asoca
23.	Mehendi (mignonette)	Lawsonia inermis
24.	Currypatta(Curry leaves)	Murraya koenigii
25.	Hem kakri	Bryophyllum pinnatum
26.	Brahmi	Bacopa monnieri

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27.	Thalkudi(Asiatic pennywort)	Centella asiatica
28.	Snake plant	Dracaena trifasciata
29.	Sadabihari	Catharanthus roseus
30.	Bisalyakarani	Tridax procumbens
31.	Bhrungaraj	Eclipta alba
32.	Bay leaves(tej patta)	Laurus nobilis
34.	Mandara	Hibiscus rosa sinensis
35.	Karanja	Millettia Pinnata
36.	Patal Garuda	Rauvolfia serpentina

#### **Fruits Plants**

Sl.no.	Name of the Plants	<b>Botanical Names</b>
1	Pomegranate	Punica granatum
2	Ram Phala( Red custard apple)	Annona reticulata
3	Sita Phal (Custard apple)	Annona squamosa
4	White Jamun(Water apple)	Syzygium samarangense
5	Grapes	Vitis vinifera
6	Lemon	Citrus X lemon
7	Jackfriuts	Artocarpus heterophyllus
8	Karamanka (Carambola)	Averrhoa carambola
9	Grape fruits (tabha)	Citrus Paradisi
10	Sapodilla(Sapeta)	Manikara zapota
11	Guava( Pijuli)	Psidium guajava
12	Mango	Mangifera indica
13	Banana	Musa
14	Jamukoli( Java plum,black plum)	Syzygium cumini
15	Bela (Wood Apple)	Limonia acidissima
16	Drumstick tree	Moringa Oleifera
17	Elephant apple (auu)	Dillenia Indica
18	Badam	Prunus Dulcis
19	Nara Koli(star gooseberry)	
20	Palm tree	