
Appendices

Appendix- 1.1

(Reference: Paragraph No.1.4 Page No. 5)

Details of Administrative authorities in the Organisational set up.

Principal Secretary, Health Medical & Family Welfare

Principal Secretary to the Government of Andhra Pradesh is the administrative head of the Health Medical & Family Welfare department.

Commissioner, Health & Family Welfare (CH&FW)

The responsibility of the Commissioner of Health and Family Welfare is implementation of Maternal and Child Health Care and Family Welfare services viz., Family Planning, Antenatal care, Postnatal Care including Immunisation services in Andhra Pradesh. The focus is mainly on promotive and preventive care. All the programmes, Schemes and activities implemented by the Government for the promotion of Public Health & Family Welfare in the State including Centrally sponsored schemes and externally financed projects are executed by CH&FW through the various public health facilities and field offices.

Mission Director, National Health Mission

The main programmatic components of NHM include Health System Strengthening, Reproductive-Maternal-Neonatal-Child and Adolescent Health (RMNCH+A), and prevention of Communicable and Non-Communicable Diseases. The State Program Management Unit (SPMU) acts as the Secretariat to the State Health Mission. The State Health Society is headed by a Mission Director. Every district has a District Health Society (DHS), which is headed by the District Collector.

Director, Medical Education (DME)

The Director of Medical Education is responsible for administration of all tertiary care facilities - Medical colleges and attached Teaching hospitals, Dental colleges, Nursing schools and Nursing colleges.

Commissioner, Andhra Pradesh Vaidya Vidhana Parishad (APVVP)

APVVP, a statutory body as per Andhra Pradesh Vaidya Vidhana Parishad (APVVP) Act (1986) was constituted to manage the secondary level Healthcare Institutions, which include the CHCs, AHs and the DHs.

Director, Public Health & Family Welfare (DPH&FW)

DPH&FW monitors the public health services, prevention and control of communicable diseases and implementation of related national and state health programmes. The department is also responsible for prevention, control and management of endemic and epidemic diseases, health promotion, management of all primary health institutions in the State and implementation of Births and Deaths act.

Commissioner, AYUSH

Ayush Commissionerate provides health services through Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homeopathy system of medicines. The Department also regulates manufacturing and sale of Ayurvedic, Unani and Homeopathy drugs, apart from administration of the dispensaries, hospitals and medical colleges related to this system of medicine.

Managing Director, Andhra Pradesh Medical Services & Infrastructure Development Corporation (APMSIDC)

APMSIDC is entrusted²⁹⁴ with the responsibility of procurement of drugs and medicines for supply to the hospitals under the control of the Director of Public Health & Family Welfare (DPH&FW), AP Vaidya Vidhana Parishad (APVVP) and Directorate of Medical Education (DME), and Institute of Preventive Medicine (IPM) through the Central Drug/Medicines Stores (CDS/CMS) established in the districts. APMSIDC was also entrusted with the procurement of medical equipment²⁹⁵ and providing infrastructure for medical services.

Director General, Drugs Control Administration (DCA)

DCA regulates the manufacture, sale, and distribution of Drugs in Andhra Pradesh through enforcement of the following legal provisions.

- i. Drugs and cosmetics Act, 1940 and Rules, 1945
- ii. Drugs and Magic Remedies (Objectionable Advertisement) Act, 1954 & Rules, 1955
- iii. Drugs (Price Control) Order, 1995 & Essential Commodities Act, 1955
- iv. AP Narcotic Drugs and Psychotropic Substances Rules, 1986 (For limited purpose)

²⁹⁴ vide G.O. Rt. No. 1357 dated 19.10.2009.

²⁹⁵ vide G.O.Ms.No.7 dated 13.01.2016

Appendix – 1.2

(Reference: Paragraph No.1.7 Page No 8)

Statement showing sampled HCFs and Teaching Hospitals (THs)

District/Sector	Primary Health	Secondary Health	Tertiary Health
Srikakulam	Urlam PHC Yarabadu SC	CHC Sompeta	GMC, Srikakulam and attached GGH, Srikakulam
	Karajada PHC Gokarnapuram SC	AH Seethampeta	
	Edupuram PHC Kesupuram SC	DH Tekkali	
SPSR Nellore	Inamadugu PHC Leguntapadu SC	CHC Naidupeta	A.C.S.R. GMC, Nellore and attached GGH, Nellore
	Tummalapenta PHC Chenchuganipalem SC	AH Kavali	
	Chennuru PHC Chennuru-I SC	DH Atmakur	
Anantapur	Kudair PHC Thimmapuram SC	CHC Kothacheruvu	GMC, Anantapur and attached GGH, Anantapur
	Kondapuramu PHC Gorantla-3 SC	AH Kadiri	
	Narpala PHC Ganganapalli SC	DH Hindupur	
AYUSH	---	---	Dr. N.R.S Govt. Ayurvedic College, Vijayawada and attached Dr.A.L. Govt. Ayurvedic Hospital, Vijayawada
	---	---	Dr. Gururaju Govt. Homeo College, Gudivada and attached Homeo Hospital, Gudivada.

Appendix-2.1

(Reference: Paragraph No 2.2.2.2 Page No. 16)

Specialty wise availability of Doctors in Secondary healthcare across the districts

Speciality	Srikakulam			Vizianagaram			Visakhapatnam			East Godavari			West Godavari			Krishna			Guntur		
	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V
ENT	8	8	0	10	10	0	12	11	1	12	11	1	9	9	0	8	8	0	8	8	0
General Medicine	23	20	3	16	10	6	22	15	7	34	17	17	24	13	11	18	13	5	26	23	3
Paediatrics	24	21	3	16	15	1	24	23	1	34	25	9	24	17	7	17	17	0	28	26	2
General Surgery	23	18	5	16	12	4	22	14	8	34	25	9	24	23	1	17	13	4	26	24	2
Ophthalmology	9	7	2	10	7	3	14	9	5	12	11	1	9	9	0	8	8	0	9	9	0
Dental	19	11	8	13	6	7	18	9	9	29	16	13	18	11	7	15	6	9	21	15	6
Obstetric & Gynaecology	31	31	0	25	23	2	34	31	3	46	37	9	32	26	6	26	25	1	34	31	3
Psychiatry	2	2	0	1	1	0	4	4	0	0	0	0	1	1	0	0	0	0	2	2	0
Orthopedics	8	8	0	10	10	0	12	10	2	12	11	1	9	9	0	8	7	1	8	8	0
Dermatology & venereology	5	5	0	4	4	0	6	5	1	5	4	1	7	7	0	2	2	0	5	4	1
Anaesthesia	24	23	1	16	16	0	24	21	3	34	29	5	24	21	3	17	17	0	27	25	2
Radiology	5	4	1	4	4	0	6	2	4	5	0	5	7	1	6	2	2	0	6	6	0
Pathology	6	5	1	4	3	1	8	5	3	5	5	0	7	6	1	2	2	0	8	8	0
Micro Biologist	1	1	0	1	0	1	2	2	0	0	0	0	1	1	0	0	0	0	2	2	0
Forensic Medicine	1	0	1	1	0	1	2	1	1	0	0	0	1	1	0	0	0	0	2	2	0
General Doctor (MBBS)	52	30	22	36	25	11	56	37	19	68	45	23	52	42	10	35	31	4	62	53	9
CS RMO	5	0	5	4	1	3	6	2	4	5	0	5	7	2	5	2	1	1	5	1	4
Chest Diseases Specialist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	246	194	52	187	147	40	272	201	71	335	236	99	256	199	57	177	152	25	279	247	32

Department/ Speciality	Prakasam			SPSR Nellore			Chittoor			Anantapur			Kurnool			YSR		
	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V
ENT	11	8	3	7	6	1	14	10	4	12	8	4	5	5	0	9	8	1
General Medicine	22	8	14	20	10	10	29	20	9	30	17	13	25	13	12	19	14	5
Paediatrics	28	26	2	20	17	3	29	28	1	29	26	3	30	26	4	21	20	1
General Surgery	23	18	5	20	17	3	29	23	6	28	18	10	25	22	3	20	16	4
Ophthalmology	11	11	0	7	7	0	14	12	2	13	13	0	5	5	0	9	9	0
Dental	18	8	10	18	13	5	24	10	14	22	10	12	20	16	4	14	7	7
Obstetric & Gynaecology	41	32	9	26	24	2	42	39	3	40	31	9	39	32	7	28	25	3
Psychiatry	1	1	0	1	1	0	1	1	0	2	2	0	0	0	0	0	0	0
Orthopedics	11	11	0	7	7	0	14	12	2	12	12	0	5	5	0	9	9	0
Dermatology & venereology	5	5	0	3	3	0	6	6	0	7	5	2	4	4	0	5	5	0
Anaesthesia	25	23	2	20	14	6	29	22	7	29	18	11	27	25	2	20	19	1
Radiology	6	1	5	3	2	1	6	1	5	7	0	7	5	1	4	6	3	3
Pathology	5	3	2	3	2	1	6	5	1	9	6	3	4	4	0	7	5	2
Micro Biologist	1	1	0	1	1	0	1	1	0	2	2	0	0	0	0	1	1	0
Forensic Medicine	1	1	0	1	1	0	1	1	0	1	1	0	0	0	0	1	1	0
General Doctor (MBBS)	50	42	8	44	33	11	62	50	12	65	45	20	51	42	9	43	36	7
CS RMO	5	0	5	3	2	1	6	2	4	7	1	6	4	1	3	5	1	4
Chest Diseases Specialist	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
TOTAL	264	199	65	204	160	44	313	243	70	317	215	102	249	201	48	217	179	38

S-Sanctioned, F-Filled, V-Vacancies

Appendix-2.2

(Reference: Paragraph No.2.2.2.4 Page No. 19)

District wise availability of Staff nurses in secondary health care

Sl. No.	District	Sanctioned	Filled	Vacant	Vacancy Percentage
1	Srikakulam	264	201	63	24
2	Vizianagaram	205	184	21	10
3	Visakhapatnam	300	262	38	13
4	East Godavari	348	277	71	20
5	West Godavari	286	199	87	30
6	Krishna	181	150	31	17
7	Guntur	302	201	101	33
8	Prakasam	275	226	49	18
9	SPSR Nellore	208	148	60	29
10	Chittoor	336	268	68	20
11	Anantapur	348	297	51	15
12	YSR	250	247	3	1
13	Kurnool	248	148	100	40
	Total	3551	2808	743	21

Appendix- 2.3: District wise availability of Paramedical staff in secondary health care
(Reference: Paragraph No.2.2.2.5 Page No. 20)

District-wise Paramedical staff	Srikakulam			Vizianagarm			Visakhapatnam			East Godavari			West Godavari			Krishna			Guntur			Prakasam			SPSR Nellore			Chittoor			Anantapur			Kurnool			YSR		
	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V
Radiographers	19	12	7	12	10	2	18	17	1	29	13	16	17	12	5	15	10	5	23	7	16	17	12	5	17	16	1	23	21	2	23	21	2	20	8	12	16	16	0
Dietician	1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	0	1	1	0	1	0	1	1	0	1
Pharmacist (Gr-I,II & Supervisor)	51	29	22	35	31	4	50	46	4	73	40	33	54	33	21	37	30	7	56	41	15	49	30	19	42	32	10	63	47	16	28	15	13	54	37	17	43	31	12
Theatre Assistant	35	22	13	25	19	6	38	37	1	44	29	15	39	28	11	21	21	0	42	31	11	37	34	3	27	25	2	42	39	3	44	33	11	36	23	13	34	29	5
Junior Analyst	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1	1	0
Lab Technician	44	41	3	30	26	4	44	42	2	63	53	10	43	32	11	33	31	2	53	48	5	43	36	7	39	39	0	54	51	3	53	46	7	47	36	11	37	33	4
Dark Room Assistant	16	6	10	12	2	10	18	5	13	15	4	11	21	3	18	6	3	3	16	7	9	17	9	8	9	4	5	18	9	9	21	5	16	14	4	10	16	6	10
Ophthalmic Assistant	2	1	1	5	5	0	4	3	1	7	1	6	1	1	0	6	0	6	1	1	0	5	2	3	3	2	1	7	0	7	4	4	0	1	1	0	3	3	0
Biomedical Engineer	5	4	1	4	4	0	6	6	0	5	1	4	7	6	1	2	2	0	5	3	2	6	2	4	3	3	0	6	6	0	8	8	0	5	2	3	5	5	0
Audio metrician	4	0	4	4	2	2	4	3	1	5	0	5	7	1	6	2	0	2	3	2	1	5	1	4	3	0	3	6	1	5	6	4	2	4	0	4	4	4	0
Dental Technician	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1
Lab Attendant	7	3	4	5	1	4	10	8	2	5	1	4	8	7	1	2	2	0	9	5	4	8	3	5	4	4	0	7	5	2	10	9	1	6	4	2	7	4	3
Physiotherapist	4	3	1	3	3	0	4	4	0	5	3	2	6	5	1	2	2	0	4	3	1	4	4	0	2	2	0	5	5	0	6	6	0	4	2	2	5	5	0
Counsellor	4	2	2	3	3	0	4	4	0	5	4	1	6	5	1	2	2	0	3	3	0	4	4	0	2	2	0	5	5	0	6	7	-1	4	0	4	4	4	0
Postmortem Assistant	19	19	0	13	12	1	18	18	0	29	28	1	18	16	2	15	14	1	22	21	1	18	16	2	18	17	1	24	24	0	23	22	1	20	18	2	15	12	3
Total	213	143	70	151	118	33	224	199	25	285	177	108	227	149	78	143	117	26	243	176	67	214	153	61	169	146	23	260	213	47	236	182	54	216	135	81	192	153	39
Vacancy in percentage	33			22			11			38			34			18			28			29			14			18			23			38			20		

S-Sanctioned, F-Filled, V-Vacancies

Appendix 2.4: District wise availability of administrative and other staff in Secondary healthcare

(Reference: Paragraph No.2.2.2.6 Page No. 21)

Description	Srikakulam			Vizianagaram			Visakhapatnam			East Godavari			West Godavari			Krishna			Guntur			Prakasam			SPSR Nellore			Chittoor			Anantapur			Kurnool			YSR		
	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V	S	F	V
Hospital Administrator	4	0	4	3	0	3	4	0	4	5	0	5	6	0	6	2	0	2	3	0	3	4	0	4	2	0	2	5	0	5	6	0	6	4	0	4	4	0	4
Administrative Officer	4	0	4	4	0	4	4	0	4	5	1	4	7	1	6	2	1	1	3	0	3	5	2	3	3	0	3	6	1	5	6	2	4	4	0	4	4	0	4
Office Superintendent	5	2	3	4	4	0	6	5	1	5	1	4	7	3	4	2	0	2	5	2	3	5	3	2	3	2	1	6	3	3	7	5	2	4	0	4	5	4	1
Medical Record Assistant	2	2	0	5	2	3	4	4	0	7	6	1	1	1	0	6	1	5	1	1	0	5	5	0	3	3	0	7	5	2	4	3	1	1	1	0	3	2	1
Junior Assistant / DEO	44	31	13	31	26	5	44	29	15	63	44	19	44	33	11	34	28	6	53	30	23	45	34	11	40	29	11	55	38	17	53	31	22	49	22	27	36	38	(2)
Junior Accountant	5	0	5	4	0	4	6	0	6	5	0	5	7	0	7	2	0	2	5	0	5	6	0	6	3	0	3	6	0	6	8	0	8	5	0	5	5	0	5
Senior Assistant	12	4	8	13	4	9	16	5	11	17	5	12	15	11	4	11	3	8	12	4	8	15	6	9	9	2	7	19	11	8	19	6	13	10	3	7	13	18	(5)
General Duty Attendant /MNO/FNO	138	123	15	101	87	14	140	138	2	201	146	55	139	87	52	106	94	12	163	143	20	144	79	65	125	121	4	177	138	39	172	151	21	148	106	42	119	111	8
Electrician	5	3	2	3	3	0	6	6	0	5	4	1	6	5	1	2	2	0	4	1	3	4	4	0	2	2	0	5	5	0	7	7	0	4	1	3	4	3	1
Plumber	5	1	4	3	0	3	6	6	0	5	0	5	6	1	5	2	1	1	4	1	3	4	1	3	2	0	2	5	0	5	7	7	0	4	1	3	4	4	0
Office subordinate	20	16	4	13	10	3	20	20	0	29	16	13	18	13	5	16	13	3	25	19	6	22	13	9	18	17	1	24	11	13	24	21	3	25	18	7	16	16	0
Total	244	182	62	184	136	48	256	213	43	347	223	124	256	155	101	185	143	42	278	201	77	259	147	112	210	176	34	315	212	103	313	233	80	258	152	106	213	196	17

S-Sanctioned, F-Filled, V-Vacancies

Appendix-3.1

(Reference: Paragraph No.3.3.1.3 Page No. 35)

Availability of Lab tests in test checked Community Health Centres

Sl No	Speciality	Diagnostic Services/Tests	CHC, Sompeta	CHC, Naidupeta	CHC, Kothacheruvu
I	Clinical Pathology (25 tests)				
	(a) Haematology	Haemoglobin estimation	Yes	Yes	Yes
		Total Leucocyte count	Yes	No	No
		Differential Leucocyte count	No	No	No
		Absolute Eosinophil count	Yes	No	No
		Reticulocyte count	No	No	No
		Total RBC count	Yes	No	No
		E.S.R.	Yes	No	No
		Peripheral Blood Smear, Malaria/Filaria parasite	Yes	Yes	No
		Platelet count	No	No	No
		Packed Cell volume	No	No	No
		Blood grouping	Yes	Yes	Yes
		Rh typing	Yes	Yes	No
		Blood Cross matching	Yes	Yes	No
	(b) Urine Analysis	Urine for Albumin,	Yes	Yes	Yes
		Sugar,	Yes	Yes	Yes
		Deposits,	No	No	No
		bile salts,	Yes	No	No
		bile pigments,	Yes	No	No
		acetone,	No	No	No
		specific gravity,	No	No	No
		Reaction (pH)	No	No	No
	(c) Stool Analysis	Stool for Ova cyst (Eh)	No	No	No
		Hanging drop for V. Cholera	No	No	No
		Occult blood	No	No	No
II	PATHOLOGY				
	a) Sputum	Sputum cytology	No	No	No
III	MICROBIOLOGY	Smear for AFB, KLB	No	No	Yes
		Grams Stain for Throat swab, sputum etc.	No	No	No
IV	SEROLOGY	VDRL	Yes	Yes	No
		Pregnancy test (Urine gravity index)	Yes	Yes	Yes
		WIDAL test	Yes	No	Yes
V	BIOCHEMISTRY	Blood Sugar	Yes	No	Yes
		Blood urea	Yes	No	No
		Liver function tests	No	No	No
		Kidney function tests	Yes	No	No
		Blood lipid profile	No	No	No

Appendix-3.2

(Reference: Paragraph No.3.3.2.2 Page No. 42)

Availability of Lab tests in test checked Area Hospitals

Sl. No.	Speciality	Diagnostic Services/Tests	AH, Kadiri	AH, Seethampeta	AH, Kavali
I	Clinical Pathology				
	(a) Haematology	Haemoglobin estimation	Yes	Yes	Yes
		Total Leucocyte count	Yes	Yes	Yes
		Differential Leucocyte count	Yes	Yes	Yes
		Absolute Eosinophil count	Yes	Yes	Yes
		Reticulocyte count	Yes	No	Yes
		Total RBC count	Yes	Yes	Yes
		E.S.R.	Yes	Yes	Yes
		Bleeding time,	Yes	Yes	Yes
		Clotting time,	Yes	Yes	Yes
		Prothrombin time	No	No	No
		Peripheral Blood Smear	No	Yes	No
		Malaria/Filaria Parasite	Yes	Yes	Yes
		Platelet count	Yes	Yes	Yes
		Packed Cell volume	Yes	Yes	Yes
		Blood grouping	Yes	Yes	Yes
		Rh typing	Yes	Yes	Yes
		Blood Cross matching	Yes	No	Yes
	(b) Urine Analysis	Urine for Albumin, Sugar, Deposits, bile salts, bile pigments, acetone, specific gravity, Reaction (pH)	Yes	Yes	Yes
	(c) Stool Analysis	Stool for Ova and Cysts	Yes	Yes	No
		Hanging drop for V. Cholera	No	Yes	No
		Occult blood	Yes	No	No
	(d) Semen Analysis	Morphology, Count, Motility etc.	No	Yes	No
	(e) CSF Analysis	Analysis, Cell count etc.	No	No	No
	(f) Aspirated fluids	Cell count, cytology	No	No	No
II	PATHOLOGY				
	a) Sputum	Sputum cytology	No	Yes	Yes
III	MICROBIOLOGY	Smear for AFB, KLB	No	Yes	Yes
		Grams Stain for Meningococci	No	No	No
		KOH study for fungus	No	No	No
		Grams stain for Throat swab, sputum etc.	No	No	No
IV	SEROLOGY	RPR Car Test for Syphilis	Yes	No	Yes
		Pregnancy test (Urine gravindex)	Yes	Yes	Yes
		WIDAL test	Yes	Yes	Yes
		Rapid test for HIV, HBs Ag, HCV, Stocking of rapid H ₂ S based test for bacteriological examination of water	Yes	Yes	Yes

Sl. No.	Speciality	Diagnostic Services/Tests	AH, Kadiri	AH, Seethampeta	AH, Kavali
V	BIOCHEMISTRY	Blood Sugar	Yes	Yes	Yes
		Blood urea , blood cholesterol, Lipid Profile	Yes	Yes	Yes
		Liver function tests	Yes	Yes	Yes
		Kidney function tests	Yes	Yes	Yes
		Stocking of OT test for residual chlorine in water	No	No	Yes
		CSF for protein, sugar	No	No	No

Appendix-3.3

(Reference: Paragraph No 3.3.3.3 Page No. 46)

Availability of Lab tests in all 12 District Hospitals

			Tekkali	Atmakur	Hindupur	Paderu	Parvathi puram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur
I	Clinical Pathology (29 tests)													
(a)	Haematology	Haemoglobin estimation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Total Leukocytes counts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Differential Leukocytes counts	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Absolute Eosynophyl count	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
		Reticulocyte count	No	No	No	Yes	No	No	No	Yes	No	No	Yes	No
		Total RBC count	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		ESR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Immunoglobulin Profile, IGM, IGG, IGE, IGA	Bleeding time	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	Fibrinogen Degradation Product	Clotting time	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Prothrombin time	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
		Peripheral Blood Smear	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
		Malaria/Filari a Parasite	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
		Platelet count	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
		Packed Cell Volume	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
		Blood grouping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Rh typing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

			Tekkali	Atmakur	Hindupur	Paderu	Parvathi puram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur
		Blood Cross matching	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		ELOSA for HIV, HCV, HBs Ag	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		ELISA for TB	No	No	No	No	Yes	No	No	No	Yes	Yes	Yes	No
		APTT	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
		ANA/ANF, Rheumatoid Factor	No	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No
(b)	Urine Analysis	Urine for Albumin, Sugar, Deposits, bile salts, bile pigments, acetone, specific gravity, Reaction(pH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
(c)	Stool Analysis	Stool for Ovacyst (Ph),	Yes	No	No	Yes	No	Yes	Yes	No	Yes	No	Yes	No
		Hanging drop for V. Cholera	No	No	No	No	No	No	Yes	Yes	No	No	Yes	No
		Occult blood	No	No	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	No
		Bacterial culture and sensitivity	No	No	No	Yes	No	No	No	Yes	No	No	Yes	No
(d)	Semen Analysis	Morphology, count	Yes	No	No	No	No	Yes	No	Yes	Yes	No	Yes	No
(e)	CSF Analysis	Analysis, Cell count etc.	No	No	No	Yes	No	Yes	No	Yes	No	No	Yes	No
(f)	Aspirated fluids	Cell count cytology	No	No	No	Yes	No	No	No	Yes	No	No	Yes	No
II	Pathology (8 tests)													
(a)	PAP smear	Cytology	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes
©(c)	Haematology	Bone Marrow Aspiration	No	No	No	No	No	No	No	Yes	No	No	Yes	No
		Immuno Haematology	No	No	No	No	No	No	No	Yes	No	No	Yes	No
		Coagulation disorders	No	No	No	No	No	No	No	No	No	No	Yes	No
		Sickle cell anaemia	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		Thalassemia	No	No	No	Yes	No	No	No	No	No	No	Yes	No
(d)	Histo-pathology	All types of Specimens, Biopsies	No	No	No	No	No	No	No	No	No	No	Yes	No

			Tekkali	Atmakur	Hindupur	Paderu	Parvathi puram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur
III	Microbiology (7 tests)	KOH study for fungus	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		Smear for AFB, KLB (Diphtheria)	No	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes
		Culture and sensitivity for blood, sputum, pus, urine <i>etc.</i>	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		Bacteriological analysis of water by H ₂ S based test	No	No	No	No	No	No	No	No	No	No	Yes	No
		Stool Culture for Vibrio Cholera and other bacterial enteropathogene	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		Supply of different media* for peripheral Laboratories	No	No	No	No	No	No	No	No	No	No	Yes	No
		Grams Stain for Throat swab, sputum <i>etc.</i>	No	No	No	Yes	No	No	No	No	No	No	Yes	No
IV	Serology (7 tests)	RPR Card test for syphilis	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
		Pregnancy test (Urine gravindex) ELISA for Beta HCG	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
		Leptospirosis , Brucellosis	No	No	No	No	No	No	No	No	No	No	Yes	No
		WIDAL test	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Elisa test for HIV, HBsAG, HCV	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
		DCT/ICT with Titre	No	No	No	No	No	Yes	No	Yes	No	No	Yes	No
		RA factor	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
V	Biochemistry (19 tests)	Blood Sugar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

			Tekkali	Atmakur	Hindupur	Paderu	Parvathi puram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur
		Glucose Tolerance Test	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Glycosylated Haemoglobin	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No
		Blood Urea, Blood cholesterol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Serum bilirubin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Icteric index	No	No	No	No	No	Yes	No	Yes	Yes	No	Yes	No
		Liver function tests	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Kidney function test	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Lipid Profile	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Blood Uric acid	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
		Serum calcium	No	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
		Serum Phosphorous	No	No	No	Yes	No	Yes	No	No	Yes	No	Yes	No
		Serum Magnesium	No	No	No	No	No	No	No	No	No	No	Yes	No
		CSF for protein, sugar	No	No	No	Yes	No	Yes	No	No	No	No	Yes	No
		Blood gas analysis	No	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	No
		Estimation of residual chlorine in water	No	No	No	No	No	No	No	No	No	No	Yes	No
		Thyroid T3,T4,TSH	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		CPK	No	No	No	Yes	No	No	No	No	No	No	Yes	No
		Iodometry Titration	No	No	No	No	No	No	No	No	No	No	Yes	No

Appendix- 3.4

(Reference: Paragraph No. 3.3.4.4 Page No 52)

Ward-wise allocation of beds in District Hospitals

Ward-wise allocation of Beds in DHs																
Sl. No.	Name of the Ward	101-200 Bedded	201-300 Bedded	500 Bedded	Paderu	Parvatipuram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
					200 Bedded	150 Bedded	200 Bedded	150 Bedded	300 Bedded	150 Bedded	150 Bedded	400 Bedded	350 Bedded	200 Bedded	150 Bedded	200 Bedded
1	General Medicine	15 + 15	25 + 25	40 + 40	40	30	66	26	62*	20	36	170	52	35	30	40
2	New-born ward	5	5	10	12	10	3	-	-	10	10	18	20	-	-	10
3	Mothers room with dining and toilets	5	5	10	4	4	-	-	-	5	-	-	12	-	-	5
4	Paediatrics ward	10	20	40	15	20	23	10	20	6	10	100	20	5	5	50
5	Critical care ward – IMCU/ICU/HDU	5	10	10	0	0	8	-	20	12	15	5	-	-	4	-
6	Isolation Ward	4	5	5	15	0	6	-	5	4	6	-	13	15	-	4
7	Dialysis unit (as per specifications)	-	3	3	5	10	-	-	-	11	15	10	15	-	-	-
8	Thoracic medicine ward with room for pulmonary function test	-	5 + 5	10 + 10	0	0	-	-	-	-	6	-	-	-	-	-
9	Blood bank	Yes	Yes	Yes	-	-	4	-	-	-	2	-	-	-	-	-
10	General surgery ward (incl. Urology, ENT)	15 + 15	25 + 20	35 + 35	25	15	-	50	45	20	30	170	48	12	30	30
11	Post – Operative Ward	10 + 16*	10 + 10	15 + 15	10	15	29	26	20	20	12	45	15	-	-	-
12	Accident and Trauma ward/casualty	10	10	15	10	10	-	4	10	5	10	-	12	18	14	13
13	Labour room	3	8	8	3	3	4	24	100	10	2	10	5	-	17	4
14	Labour room (Eclampsia)	-	3	3	0	0	1	-	-	1	-	5	1	-	-	-
15	Septic Labour room	-	2	2	0	0	1	-	-	2	-	-	1	-	-	-
16	Ante-natal ward	15	15	30	20	15	5	-	-	5	10	30	11	15	-	15
17	Post-natal ward	15	15	30	19	15	41	-	-	5	10	30	24	-	30	15
18	Postpartum ward	20	30	50	10	0	10	-	-	2	4	-	12	-	-	-

Ward-wise allocation of Beds in DHs																
Sl. No.	Name of the Ward	101-200 Bedded	201-300 Bedded	500 Bedded	Paderu	Parvatipuram	Anakapalli	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
					200 Bedded	150 Bedded	200 Bedded	150 Bedded	300 Bedded	150 Bedded	150 Bedded	400 Bedded	350 Bedded	200 Bedded	150 Bedded	200 Bedded
19	Post operative ward	-	20	40	4	20	50	-	-	10	20	10	-	-	-	7
20	Ophthalmology ward	5	10	20	10	5	16	10	18	12	6	40	20	12	4	7
21	Burns Ward	-	5	10	5	5	-	-	-	1	-	10	2	-	-	-
	Total Beds	-	-	-	207	177	267	150	300	161	204	653	283	112	134	200
*Including Ortho wards																
Blank column indicates that no information was furnished by the Hospital																

Appendix-3.5

(Reference: Paragraph No 3.3.4.8 Page No. 57)

Availability of Linen in 12 District Hospitals

S.No.	Name of linen article	Requir ed Numb ers	Available in Numbers											
		101 - 200 Bedded hospital	DH Paderu	DH Parvatipuram	DH Anakapalle	DH Tanuku	DH Tenali	DH Markapur	DH Madanapalle	DH Chittoor	DH Proddutur	DH tekkali	DH Atmakur	DH Hindupur
1	Bedsheets	800	0	800	600	150	660	163	166	1920	1500	700	441	400
2	Bedspreads	1200	0	0	800	900	0	0	168	0	0	0	1200	4000
3	Blankets Red and blue	50	0	0	40	0	39	7	0	61	50	20	100	50
4	Patna towels	300	0	0	0	0	0	0	17	0	0	0	0	--
5	Table cloth	60	0	0	25	20	10	0	0	0	50	0	20	10
6	Draw sheet	100	0	0	25	0	0	0	0	0	10	0	0	0
7	Doctor's overcoat	60	0	0	40	0	0	0	8	84	0	0	5	60
8	Hospital worker OT coat	250	15	0	150	0	0	0	10	0	100	3	25	24
9	Patients house coat (for female)	600	0	10	200	0	0	195	0	0	300	120	146	200
10	Patients Pyjama (for male) Shirt	300	0	10	100	0	0	0	6	200	200	0	0	50
11	Over shoes pairs	80	0	0	30	0	0	0	0	yes	0	0	50	50
12	Pillows	300	0	20	150	0	0	0	16	0	300	4	48	100
13	Pillows covers	600	0	0	200	0	0	0	0	0	300	510	0	0
14	Mattress (foam) Adult	200	200	150	100	0	300	115	90	0	300	110	196	200

S.No.	Name of linen article	Requir ed Numb ers	Available in Numbers											
		101 - 200 Bedded hospital	DH Paderu	DH Parvatipuram	DH Anakapalle	DH Tanuku	DH Tenali	DH Markapur	DH Madanapalle	DH Chittoor	DH Proddutur	DH tekkali	DH Atmakur	DH Hindupur
15	Paediatric Mattress	20	20	10	10	150	40	4	10	10	20	8	43	50
16	Abdominal sheets for OT	150	10	20	100	10	120	38	30	50	50	10	30	150
17	Pereneal sheets for OT	150	0	30	100	50	0	28	5	0	50	1 pair	7	150
18	Leggings	100	0	10	50	50	50	4	0	0	50	1 pair	2	100
19	Mortuary sheet	50	0	0	10	0	0	0	0	0	20	0	0	0
20	Mats (Nylon)	100	0	0	10	10	0	0	0	0	20	0	2	0
21	Mackintosh sheet (in meters)	200	30	200	100	0	150	0	38	0	300	0	800	200

Appendix 4.1

(Reference: Paragraph No.4.1 Page No. 69)

Brief History of APMSIDC

Andhra Pradesh Health, Medical, Housing and Infrastructure Development Corporation (APMHIDC) was set up by GoAP in 1984 for construction and maintenance of hospital buildings. Further, procurement and distribution of medicines, surgicals, consumables and equipment were also entrusted in the year 2011 to APMHIDC by the Government and the nomenclature was changed to Andhra Pradesh Medical Services and Infrastructure Development Corporation (APMSIDC).

APMSIDC is headed by the Chairman and the Managing Director along with four Chief Engineers at Headquarters, Mangalagiri. Seven circles are headed by Superintending Engineers while Divisions/Central Drug Stores (CDSs) in district headquarters are managed by the Executive Engineers. CDSs are assisted by three Pharmacists for distribution of drugs to various HCFs in the Divisions.

2. Fund flow mechanism to APMSIDC

Government releases funds to Director of Health (for procurement and distribution of drugs and specific surgical items) and to Director of Medical Education (for procurement and distribution of surgical items and equipment), who in turn transfer the funds to Personal Deposit (PD) account of APMSIDC. Further, funds meant for procurement of medicines, consumables, equipment and for creation of infrastructure received from National Health Mission (NHM) are also transferred to APMSIDC as it is the nodal agency for these activities.

The amounts released were apportioned²⁹⁶ as per the provisions contained in Government orders²⁹⁷ and are utilised by APMSIDC towards procurement of medicines, surgical items, and equipment through centralised purchases.

²⁹⁶ DME: 40 per cent; DH: 40 per cent; CAPVVP: 18 per cent; and DIPM: 2 per cent

²⁹⁷ GoAP GO Rt. No.1357, Health, Medical & Family Welfare (M1) Department, dated 19 October 2009

Appendix 4.2

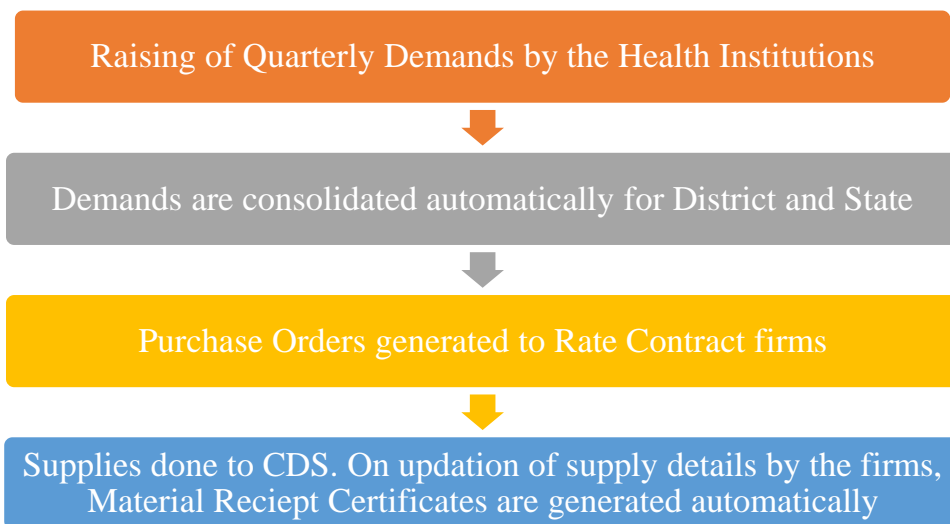
(Reference: Paragraph No.4.3 Page No. 71)

Supply chain mechanism of medicines

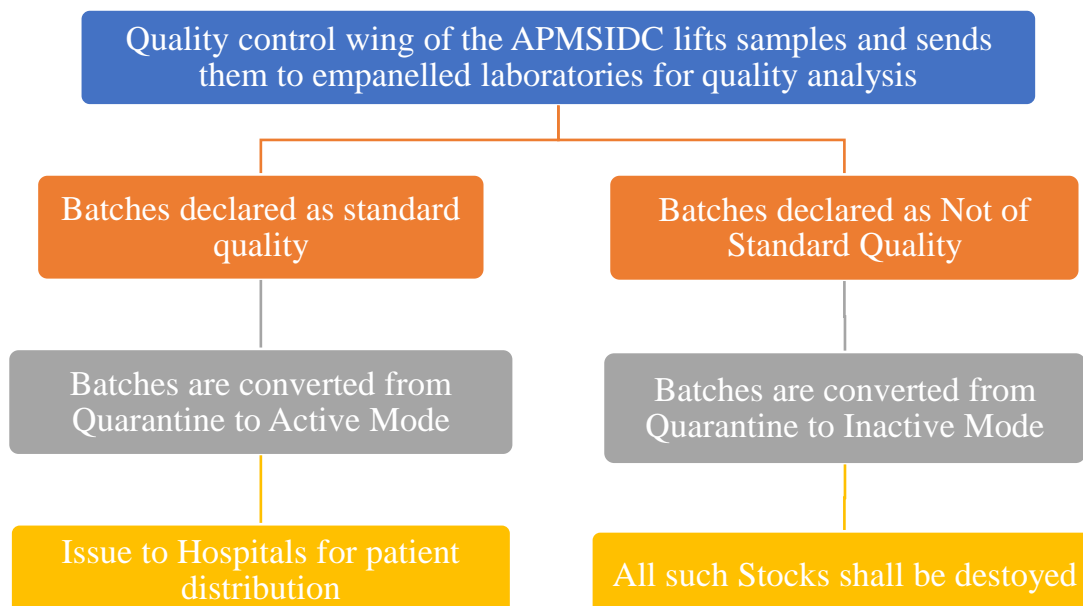
1. HoDs allot hospital wise budget for medicines and surgical consumables.
2. APMSIDC receives quarterly demand from hospitals as per the budget given by HoDs.

1. Workflow mechanism:

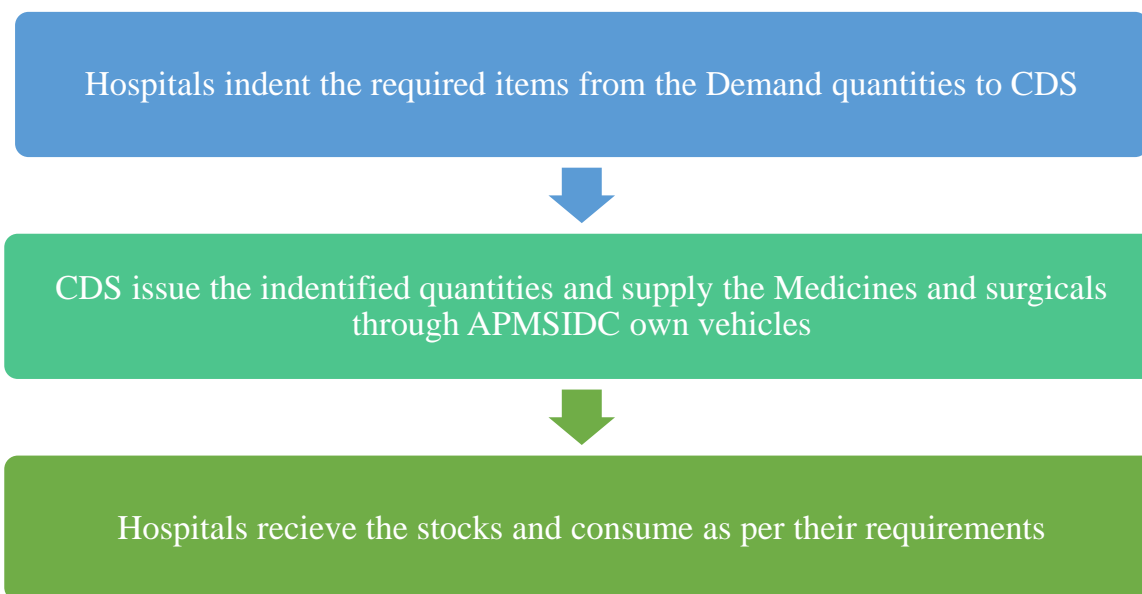
a. Demand Process



b. Quality Process



c. Indenting Process



Appendix-4.3

(Reference: Paragraph No.4.5.1 Page No. 80)

Availability of drugs in the test checked Health Care Facilities

Speciality		Drugs prescribed for treatment	DH Tekkali	AH Seethampeta	CHC Sompeta	DH Hindupur	AH Kadiri	CHC Kothacheruvu	DH Atmakur	AH Kavali	CHC Naidupeta
			Whether available Yes/No								
1	Pregnancy and childbirth	Tab. Nitrofurantion	No	Yes	Yes	No	No	No	Yes	Yes	Yes
		Inj. Normal saline (Sod chloride) 500 ml bottle	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Tab. Ferrous sulphate 500 mg + Folic acid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Iron Dextran/Iron sorbitol	Yes	No	Yes	Yes	Yes	Yes	No	No	No
		Tab. Misoprostol	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
		Inj. Magnesium Sulphate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Pitocin (Oxytocin)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Tab. Ascorbic acid 100 mg	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
2	Child health (Newborn/Infant/under five)	Inj. Crystalline penicillin	No	No	No	No	No	No	No	No	No
		Inj. Gentamycin	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Isolyte-P	No	No	No	Yes	No	No	Yes	No	No
		Syp. Ferrous Gluconate 100 ml bottle	No	Yes	No	Yes	No	No	No	No	No
		Inj. Vit K	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
3	Diabetes	Inj. Insulin Rapid	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Mixtard	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Inj. Dextrose 10% 500 ml bottle	No	Yes	No	Yes	No	No	No	No	No
		Inj. Dextrose 50%	No	No	No	No	No	Yes	No	No	No
4	Hypertension	Tab. Atenolol	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Tab. Methyldopa	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Tab. Propranolol	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Tab. Enalapril 2.5/5 mg	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
		Tab. Metoprolol	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Tab. Amlodipine 5 mg, 10 mg	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Tab. Nefidipine 10 mg, 20 mg, 30 mg	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No

Speciality		Drugs prescribed for treatment	DH Tekkali	AH Seethampeta	CHC Sompeta	DH Hindupur	AH Kadiri	CHC Kothacheruvu	DH Atmakur	AH Kavali	CHC Naidupeta
			Whether available Yes/No								
		Tab. Hydrochlorthiazide 12.5, 25 mg	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
5	Cardiovascular diseases	Inj. Nor adrenaline	Yes	Yes	No	Yes	No	No	Yes	Yes	No
		Inj. Adrenaline Bitartrate IP	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Tab. Digoxine	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Tab. Isosorbide Dinitrate (Sorbitrate)	No	Yes	Yes	Yes	Yes	No	Yes	No	Yes
		Tab. Clopidogrel	No	Yes	Yes	Yes	Yes	No	Yes	No	No
		Tab. Atrovastatin 10 mg	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
		Inj. atropine sulphate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Digoxin	No	No	No	No	No	No	No	No	No
		Inj. Dopamine	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No
		Inj. Frusemide	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
6	Diarrhoea	Inj. Metronidazole 100 ml	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		ORS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Syrup. Metronidazole	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes
7	Malaria	Tab. Chloroquine phosphate	Yes	No	Yes	Yes	Yes	No	No	No	Yes
		Inj. Quinine Dihydrochloride	No	No	No	Yes	No	Yes	No	No	No
8	Pneumonia (Both children & adults)	Tab. Trimethoprim + Sulphamethoxazole	Yes	No	No	Yes	Yes	No	No	No	Yes
		Tab. Azithromycin – 500 mg	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Syrup. Cotrimoxazole 50 ml	No	Yes	No	Yes	No	No	Yes	No	Yes
		Syrup. Ampicillin 125 mg/5 ml, 60 ml	No	Yes	Yes	Yes	No	Yes	Yes	No	No
		Inj. Ceftriaxone	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
		Inj. Amoxyclav 1.2 gm	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes
		Syp. Salbutamol	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
		Tab. Salbutamol 2 mg, 4 mg	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes

Speciality		Drugs prescribed for treatment	DH Tekkali	AH Seethampeta	CHC Sompeta	DH Hindupur	AH Kadiri	CHC Kothacheruvu	DH Atmakur	AH Kavali	CHC Naidupeta
			Whether available Yes/No								
		Nebulisable Salbutamol nebusol solution	Yes	Yes	No	Yes	Yes	No	Yes	No	No
		Inj. Deriphylline	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	Bite injuries: Snakes and dogs	Anti-Rabies Serum (ARS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj. Antirabies vaccine	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Inj Anti snake venom	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	Psychiatric conditions	Tab. Diazepam 5 mg	Yes								
		Tab. Phenobarbitone 30 mg, 60 mg	No	No	No	Yes	No	No	No	No	No
		Tab. Risperidone 2 mg	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
		Tab. Lorazepam 2 mg	No	Yes	Yes	No	No	No	Yes	Yes	Yes
		Tab. Amitriptyline	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes

Appendix-5.1

(Reference: Paragraph No.5.2.1 Page No. 86)

Requirement and availability of Sub Centres in Andhra Pradesh

S.No.	District	Rural population	Tribal population	Net rural population	Rural SCs required	Tribal SCs required	Total SCs required	SCs available	Shortage
1	Srikakulam	23,28,543	7,87,071	15,41,472	308	262	570	764	-
2	Vizianagaram	22,10,645	4,61,029	17,49,616	350	154	504	622	-
3	Visakhapatnam	26,55,164	7,00,300	19,54,864	391	233	624	677	-
4	East Godavari	42,09,028	3,64,032	38,44,996	769	121	890	1,127	-
5	West Godavari	33,32,657	1,97,248	31,35,409	627	66	693	844	-
6	Krishna	32,33,383	-	32,33,383	647	-	647	783	-
7	Guntur	36,44,227	1,41,075	35,03,152	701	47	748	730	-
8	Prakasam	31,34,025	2,57,618	28,76,407	575	86	661	813	-
9	SPSR Nellore	23,36,839	-	23,36,839	467	-	467	596	-
12	YSR	22,74,864	12,852	22,62,012	452	4	456	904	-
10	Kurnool	31,31,229	-	31,31,229	626	-	626	593	33
11	Anantapur	33,93,837	-	33,93,837	679	-	679	831	-
13	Chittoor	33,00,091	-	33,00,091	660	-	660	748	-
	Total	3,91,84,532	29,21,225	3,62,63,307	7,252	973	8,225	10,032	33

Source : Information furnished by Department

Appendix-5.2

(Reference: Paragraph No.5.2.1 & 5.2.3 Page No. 86 & 91)

Requirement and availability of Primary Health Centres in Andhra Pradesh

District	Total Rural Population	Tribal Population	Net rural population	Rural PHCs required	Tribal PHCs required	Total required	Functioning	Shortfall
1	2	3	4=2-3	5= 4/30000	6= 3/20000	7=5+6	8	9=7-8
Srikakulam	23,28,543	7,87,071	15,41,472	51	39	90	78	12
Vizianagaram	22,10,645	4,61,029	17,49,616	58	23	81	73	8
Visakhapatnam	26,55,164	7,00,300	19,54,864	65	35	100	88	12
East Godavari	42,09,028	3,64,032	38,44,996	128	18	146	123	23
West Godavari	33,32,657	1,97,248	31,35,409	105	10	115	94	21
Krishna	32,33,383	-	32,33,383	108	-	108	90	18
Guntur	36,44,227	1,41,075	35,03,152	117	7	124	79	45
Prakasam	31,34,025	2,57,618	28,76,407	96	13	109	92	17
SPSR Nellore	23,36,839	-	23,36,839	78	-	78	81	(3)
Kurnool	31,31,229	12,852	31,18,377	104	-	104	86	18
YSR	22,74,864	-	22,74,864	76	-	76	75	1
Anantapur	33,93,837	-	33,93,837	113	-	113	86	27
Chittoor	33,00,091	-	33,00,091	110	-	110	100	10
Total	3,91,84,532	29,21,225	3,62,63,307	1,209	145	1,354	1,145	209

Source : Information furnished by Department

Appendix-5.3

(Reference: Paragraph No.5.2.3.4 Page No 94)

Availability of equipment in eight test checked Primary Health Centres

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Utlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
1	Normal Delivery Kit.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Equipment for assisted vacuum delivery.		No	No	No	No	No	No	Yes	No
3	Equipment for assisted forceps delivery.		No	No	Yes	No	No	No	Yes	No
4	Standard Surgical Set (for minor procedures like episiotomies stitching).		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	Equipment for Manual Vacuum Aspiration.		No	No	No	No	No	Yes	No	No
6	Equipment for New Born Care and Neonatal Resuscitation.		Yes	Yes	Yes	No	No	Yes	Yes	Yes
7	IUCD insertion kit.		No	Yes	Yes	Yes	Yes	No	Yes	Yes
8	Equipment/reagents for essential laboratory investigations.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	Refrigerator.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	ILR (Small) and DF (Small) with Voltage Stabiliser		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11	Cold Boxes (Small & Large): Small- one, Large – two.	S-1 & L-2	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
12	Vaccine Carriers with 4 Icepacks: Two per SC (maximum 2 per polio booth) + 1 for PHC.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13	Spare ice pack box: 8, 25 & 60 ice pack boxes per vaccine carrier, Small cold box & Large cold box respectively.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14	Waste disposal twin bucket, hypochlorite solution/ bleach: As per need.		Yes	Yes	Yes	No	No	No	Yes	Yes

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
15	Freeze Tag: 2 per ILR bimonthly.		Yes	Yes	Yes	Yes	Yes	No	No	Yes
16	Thermometers Alcohol (stem): Need Based		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
17	Ice box.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
18	Binocular microscope.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Equipment under various National Programmes.		Yes	Yes	NA*	NA	NA	NA	Yes	Yes
20	Radiant warmer for new born baby.		No	Yes	Yes	No	No	Yes	Yes	Yes
21	Adult weighing scale.		Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
22	Baby weighing scale.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
23	Height measuring Scale.		Yes	Yes	Yes	No	No	Yes	Yes	Yes
24	Table lamp with 200 watt bulb for New born baby.		No	Yes	Yes	No	No	Yes	No	Yes
25	Phototherapy unit (Desirable).		No	Yes	Yes	No	No	Yes	No	No
26	Self-inflating bag and mask- neonatal size.		Yes	Yes	Yes	No	Yes	Yes	Yes	No
27	Laryngoscope and Endotracheal intubation tubes (neonatal)		No	Yes	No	No	No	Yes	No	No
28	Mucus extractor with suction tube and a foot operated suction machine.		No	No	Yes	No	Yes	Yes	Yes	No
29	Feeding tubes for baby.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
30	Sponge holding forceps – 2.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
31	Vulsellum uterine forceps – 2.		Yes	Yes	No	Yes	No	No	Yes	Yes
32	Tenaculum uterine forceps – 2.		No	Yes	No	No	No	No	No	No
33	MVA syringe and cannulae of sizes 4-8 (2 sets; one for back up in case of technical problems).		No	No	NA	No	No	Yes	No	No
34	Kidney tray for emptying contents of MVA syringe.		Yes	Yes	Yes	Yes	No	Yes	No	Yes
35	Torch without batteries – 2.		Yes	Yes	No	Yes	Yes	Yes	No	Yes
36	Battery dry cells 1.5 volt (large size) – 4.		Yes	Yes	No	Yes	Yes	Yes	No	No
37	Bowl for antiseptic solution for soaking cotton swabs.		Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
38	Tray containing chlorine solution for keeping soiled instruments.		Yes	Yes	No	Yes	No	Yes	Yes	Yes
39	Kits for testing residual chlorine in drinking water.		Yes	Yes	Yes	Yes	No	Yes	No	Yes
40	H2S Strip test bottles.		No	Yes	No	Yes	No	Yes	No	Yes
41	Head Light.		Yes	Yes	No	No	Yes	Yes	No	No
42	Ear specula.		Yes	Yes	No	No	Yes	Yes	No	No
43	B.P. Apparatus table model – 2.	2	Yes	Yes	No	Yes	Yes	No	No	Yes
44	Stethoscope – 2.	2	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
45	3 sets of NSV instruments.	3 sets	No	Yes	No	No	No	Yes	No	Yes
46	Minilap kits –5.	5	Yes	Yes	No	No	No	Yes	No	No
Requirements for a fully equipped and operational labour room										
47	A labour table	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48	Suction machine		No	Yes	No	Yes	Yes	Yes	Yes	No
49	Facility for Oxygen administration		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
50	Sterilisation equipment		No	Yes	No	Yes	Yes	No	Yes	Yes
51	24-hour running water		Yes	Yes	No	Yes	Yes	Yes	NA	Yes
52	Electricity supply with back-up facility (generator with POL)		Yes	No	Yes	Yes	No	No	NA	No
53	Newborn Corner: Details mentioned in Annexure 3A		Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
54	Emergency drug tray: This must have the following drugs: Inj. Oxytocin Inj. Diazepam Tab. Nifedepine Inj. Magnesium sulphate Inj. Lignocaine hydrochloride Inj. Methyl ergometrine maleate IV Haemaccel Sterilised cotton and gauze		Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes
55	Delivery kits, including those for normal delivery and assisted deliveries. Privacy of a woman in labour should be ensured as a quality assurance issue.		Yes	Yes	Yes	Yes	Yes	No	Yes	No

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
56	List of equipment for Pap smear		No	Yes	No	No	No	NA	NA	No
57	Cusco's vaginal speculum (each of small, medium and large size)		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
58	Sim's vaginal speculum – single & double ended - (each of small, medium and large size)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
59	Anterior Vaginal wall retractor		Yes	Yes	No	No	No	Yes	Yes	Yes
60	Sterile Gloves		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
61	Sterilised cotton swabs and swab sticks in a jar with lid		Yes	Yes	No	Yes	Yes	No	NA	Yes
62	Kidney tray for keeping used instruments		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
63	Bowl for antiseptic solution		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
64	Antiseptic solution: Chlorhexidine 1% or Cetrimide 2% (if povidone iodine solution is available, it is preferable to use that)		Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
65	Cheattle's forceps		Yes	Yes	Yes	Yes	No	Yes		Yes
66	Proper light source/torch		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
67	For vaginal and Pap Smears: Clean slides with cover slips Cotton swab sticks KOH solution in bottle with dropper Saline in bottle with dropper Ayre's spatula Fixing solution/hair spray		Yes	No	No	No	No	NA	No	No
68	Requirements of the laboratory		No	Yes	Yes	No	Yes	NA	Yes	Yes
69	Essential Reagents		Yes	Yes	Yes	No	Yes	NA	Yes	Yes
70	Reagents of Cyan meth - haemoglobin method for Hb estimation		Yes	Yes	No	Yes	Yes	No	Yes	Yes
71	Uristix for urine albumin and sugar analysis		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
72	ABO & Rh antibodies		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
73	KOH solution for Whiff test		No	No	No	No	No	No	No	No

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
74	Gram's iodine		No	Yes	No	No	No	No	No	No
75	Crystal Violet stain		No	No	No	No	No	No	No	Yes
76	Acetone-Ethanol decolourising solution.		No	Yes	No	No	No	No	No	No
77	Safranin stain		No	Yes	No	No	No	No	No	No
78	PH test strips		No	Yes	No	No	No	No	No	Yes
79	RPR test kits for syphilis		Yes	Yes	Yes	No	Yes	No	Yes	No
80	H2S Strip test kits for fecal contamination of drinking water		No	Yes	Yes	No	No	No	No	No
81	Test kits for estimation of residual chlorine in drinking water using orthotoluidine reagent		No	Yes	No	yes	No	No	No	Yes
82	1000 Nos Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each.		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
83	Essential Glassware and other equipment:		Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes
84	Colorimetre		No	Yes	Yes	Yes	Yes	Yes	Yes	No
85	Test tubes 3. Pipettes		Yes	Yes	No	Yes	Yes	No	Yes	Yes
86	Glass rods		Yes	Yes	No	Yes	Yes	Yes	No	Yes
87	Glass slides		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
88	Cover slips		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
89	Light Microscope		No	Yes	Yes	Yes	Yes	Yes	No	Yes
90	Differential blood cell counter (Desirable)		No	Yes	Yes	Yes	No	No	No	Yes
91	Glucometer (Desirable)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
92	Examination table	4	2	2	2	1	2	2	3	4
93	Writing tables with table sheets	6	4	4	6	3	7	6	6	6
94	Plastic chairs (for in-patients' attendants)	6	6	6	6	6	6	6	29	6
95	Armless chairs	16	16	16	9	16	16	16	0	16
96	Full size steel almirah	7	7	7	7	6	3	5	0	7
97	Table for Immunisation/FP/Counselling	1	1	1	0	1	0	0	1	1
98	Bench for waiting area	2	2	2	2	0	2	2	0	4
99	Wheel chair	2	0	1	0	2	0	1	0	0
100	Stretcher on trolley	2	1	0	0	0	0	1	2	0

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
101	Wooden screen	1	1	0	0	0	0	1	0	0
102	Foot step	5	3	4	2	1	3	1	4	2
103	Coat rack	2	0	2	0	0	0	0	0	0
104	Bed side table	6	0	0	0	0	1	1	0	0
105	Bed stead iron (for in-patients)	6	0	6	4	4	4	1	0	0
106	Baby cot	2	0	0	0	0	0	1	0	0
107	Stool	10	5	5	3	4	3	3	10	2
108	Medicine chest	1	0	NA	1	0	0	1	0	0
109	Lamp	3	2	1	0	1	1	3	0	1
110	Side Wooden racks	4	1	2	0	0	0	4	0	0
111	Fans	6	6	NA	6	6	8	6	15	20
112	Tube light	8	8	8	8	8	8	8	25	30
113	Basin	2	2	2	2	1	0	0	0	1
114	Basin stand	2	0	0	2	1	0	0	0	2
115	Buckets	4	4	4	4	4	4	4	0	3
116	Mugs	4	4	4	4	4	4	4	0	4
117	LPG stove	1	0	1	0	0	0	0	0	0
118	LPG cylinder	2	0	1	0	0	0	0	0	0
119	Sauce pan with lid	2	0	0	0	0	0	0	0	0
120	Water receptacle	3	0	1	0	0	0	0	0	0
121	Rubber/plastic shutting 2 metres	3	1	0	0	0	0	0	0	0
122	Drum with tap for storing water	1	0	0	0	0	0	0	0	1
123	Drum with tap for storing water	2	0	0	0	0	0	0	2	0
124	Mattress for beds	12	6	6	12	10	4	0	0	10
125	Foam Mattress for OT table	2	0	2	0	0	2	0	1	0
126	Foam Mattress for labour table	2	0	0	0	0	2	0	8	0
127	Bed sheets	30	12	52	0	10	5	0	6	8
128	Pillows with covers	6	6	6	4	0	6	0	4	5
129	Blankets	18	1	1	0	0	4	0	0	0
130	Baby blankets	4	2	0	0	0	0	0	0	0
131	Towels	18	4	0	0	0	0	4	0	2
132	Curtains with rods	20 metres	20	20	0	0	0	5	0	2

S. No.	List of suggested equipment and furniture including reagents and diagnostic kits	As per Norms	Urlam	Karajada	Inamadugu	Thummalapenta	Chennur	Kudair	Kondapuram	Narpala
133	Dustbin	5	5	5	5	5	5	5	5	5
134	Coloured Puncture proof bags as per need	as per need	3	NA	Yes	NA	Yes	Yes	Yes	0
135	Generator (5 KVA with POL for immunisation)	1	0	0	0	0	0	0	1	0
	Essential Medical/Surgical items									
136	Blood Pressure Apparatus (Non-mercury is desirable)	3	3	3	0	0	2	2	3	2
137	Stethoscope	3	3	3	0	2	2	3	3	2
138	Tongue Depressor	10	10	10	0	0	3	1	0	2
139	Torch	2	2	2	0	1	1	0	0	1
140	Thermometre Clinical	4	2	4	1	2	2	0	0	2
141	Hub cutter	2	2	2	2	3	2	3	1	1
142	Needle Destroyer	2	1	1	2	0	1	1	1	1
143	Labour table	1 or 2	1	1	1	1	2	1	1	2
144	OT table	1	1	0	0	1	2	0	1	1
145	Arm board for adult and child	4	0	0	0	1	0	0	0	0
146	Instrument trolley	2	0	0	0	2	3	0	2	2
147	I V stand	10	4	4	4	4	4	6	6	10
148	Shadowless lamp light (for OT and Labour room)	2	0	1	0	0	1	0	2	0
149	Macintosh for labour and OT table	As per need	Yes	NA	Yes	Yes	Yes	0	Yes	Yes
150	Kelly's pad for labour and OT table	2 sets	0	1	0	0	0	0	0	2
151	Red Bags	As per need	Yes	NA	Yes	Yes	0	Yes	Yes	Yes

*NA indicates the Non-availability

Appendix-5.4

(Reference: Paragraph No.5.3.1.1 Page No. 95)

District wise availability of Community Health Centres

	Population	Total health care facilities to be available	Available	Shortfall
Srikakulam	27,03,114	22	13	09
Vizianagaram	23,44,474	19	08	11
Visakhapatnam	42,90,589	36	10	26
East Godavari	51,54,296	43	24	19
West Godavari	39,36,966	33	10	23
Krishna	45,17,398	38	13	25
Guntur	48,87,813	41	15	26
Prakasam	33,97,448	28	12	16
SPSR Nellore	29,63,557	25	14	11
YSR	28,82,469	24	09	15
Kurnool	40,53,463	34	16	18
Anantapur	40,81,148	34	14	20
Chittoor	41,74,064	35	17	18
		412	175	237

Appendix-5.5

(Reference: Paragraph No.5.3.2.2 Page No. 103)

Availability of laboratory equipment in test checked AHs

Sl. No.	Laboratory Equipment Name	No. of Items to be available for 51-100 bedded Hospital	AH Seethampeta		AH Kavali		AH Kadiri	
			Whether available Yes/No	No. of items available	Whether available Yes/No	No. of items available	Whether available Yes/No	No. of items available
1	Binocular Microscope	4	Yes	3	Yes	2	Yes	2
2	Balance (Electrical Monopan)	1	No		No		No	
3	Simple balance	1	No		No		No	
4	Electric Colorimeter	1	Yes	1	Yes	1	No	
5	Auto analyser*	1	No		Yes	1	No	
6	Semi auto analyser	1	Yes	1	Yes	1	No	
7	Micro pipettes of different volume range	4	Yes	2	Yes	1	Yes	4
8	Water bath	1	Yes	1	No	1	Yes	1
9	Hot Air oven*	1	Yes	1	No	1	No	
10	Lab incubator*	1	Yes	1	Yes	1	No	
11	Distilled water plant	2	No		Yes	1	No	
12	Electric centrifuge Table Top	2	Yes	1	Yes	-	Yes	1
13	Cell Counter Electronic*	1	Yes	1	Yes	1	Yes	-
14	Hot plates	2	No		No		No	
15	Rotor / Shaker	1	No		No		Yes	
16	Counting chamber	2	No		No		Yes	1
17	PH meter	1	Yes	1	Yes	1	Yes	1
18	Paediatric Glucometer / Bilirubinometer*		No		-		No	
19	Glucometer	1	Yes	1	Yes	1	Yes	1
20	Haemoglobinometer	1	Yes	1	No	1	Yes	1
21	TCDC count apparatus	1	Yes	1	No	1	No	
22	ESR stand with tubes	3	No		Yes	1	Yes	2
23	Test tube stands*	5	Yes	5	Yes	3	No	
24	Test tube rack*	5	Yes	5	No		Yes	5
25	Test tube holders*	5	No		No		Yes	1
26	Spirit lamp*	6	No		No		Yes	1
27	Timer stop watch	2	No		Yes	1	No	
28	Alarm clock	1	No		No		No	
29	Lab Autoclaves	2	Yes	1	No		No	

Sl. No.	Laboratory Equipment Name	No. of Items to be available for 51-100 bedded Hospital	AH Seethampeta		AH Kavali		AH Kadiri	
			Whether available Yes/No	No. of items available	Whether available Yes/No	No. of items available	Whether available Yes/No	No. of items available
30	Refrigerators	2	Yes	1	Yes	2	Yes	2
31	Bio-safety Cabinet (Class-I)	1	No		No		No	
32	Automatic Blood Gas Analyser	1	No		Yes	1	Yes	1
33	Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each	2000	Yes	2000	No		No	
* To be provided as per need								

Appendix 5.6

(Reference: Paragraph No.5.3.3.1 Page No. 105)

Availability of Laboratory equipment in all 12 District Hospitals

Sl. No	Laboratory Equipment Name	Paderu	Parvatipuram	Anakapalle	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
1	Binocular Microscope	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Chemical Balances	No	No	No	No	No	Yes	No	No	Yes	No	No	No
3	Simple balances	Yes	No	No	No	No	Yes	No	No	No	No	No	No
4	Electric Calorimeter	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
5	Fully Automated Auto-analyser	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
6	Semi auto analyser	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes
7	Micro pipettes of different volume range	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	Water bath	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
9	Hot Air oven	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
10	Lab incubator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
11	Distilled water plant	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
12	Electric centrifuge, Table Top	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
13	Cell Counter Electronic	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14	Hot plates	No	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes	No	No
15	Rotor / Shaker	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
16	Counting chamber	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
17	PH meter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
18	Paediatric Glucometer / Bilirubinometer	Yes	No	No	Yes	No	No	Yes	Yes	No	No	Yes	Yes
19	Glucometer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
20	Haemoglobinometer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
21	TCDC count apparatus	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No
22	ESR stand with tubes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
23	Test tube stands	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
24	Test tube rack	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

Performance Audit on Public Health Infrastructure and management of Health Services in AP

Sl. No	Laboratory Equipment Name	Paderu	Parvatipuram	Anakapalle	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
25	Test tube holders	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No
26	Spirit lamp	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	No	No	No
27	Rotary Microtome	No	No	No	No	No	No	No	No	Yes	Yes	No	No
28	Wx Embel Bath	No	No	Yes	No	Yes	No	No	No	No	Yes	No	No
29	Auto Embedic Station	No	No	Yes	No	Yes	No	No	Yes	Yes	Yes	No	No
30	Timer stop watch	Yes	No	No	No	Yes	No	No	No	No	No	No	Yes
31	Alarm clock	No	No	No	No	Yes	No	No	No	No	No	No	No
32	Elisa Reader Cum washer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
33	Blood gas Analyser	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
34	Electrolyte Analyser	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
35	Glycosylated Haemoglobinometer	No	No	No	No	No	No	Yes	No	No	No	No	No
36	Haematology Analyser with 22 parameters	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes
37	Blood Collection Monitor	Yes	No	No	No	Yes	Yes	No	No	No	No	Yes	Yes
38	Laboratory Autoclavers	Yes	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
39	Ordinary Refrigerator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
40	Flotation Bath	No	No	No	No	Yes	No	No	Yes	No	No	No	No
41	Emergency Drug Trolley with auto cylinder	No	No	No	No	Yes	No	No	No	No	No	No	No
42	Dialected Tube Scaler	No	No	No	No	Yes	No	No	No	No	No	Yes	No
43	Class – I Bio Safety Cabinet	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
44	Knife Sharpner	No	No	No	No	No	No	No	No	No	No	No	No
45	Air Conditioner with Stabilizer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
46	Cyto Spin	No	No	No	Yes	No	No	No	No	No	No	No	No
47	RO Plant	No	Yes	No	No	No	No	Yes	Yes	No	No	No	No
48	Computer with UPS and Printer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
49	Automated Blood Gas Analyzer	No	No	No	Yes	Yes	Yes	No	No	No	No	No	Yes

Sl. No	Laboratory Equipment Name	Paderu	Parvatipuram	Anakapalle	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
50	Fine Needle Aspiration Cytology	No	No	No	No	Yes	No	No	Yes	No	No	No	No
51	Histopathology Equipment	No	No	Yes	No	Yes	No	No	Yes	No	Yes	No	No
52**	Pipette – 1 ml & 5 ml	No	No	No	No	No	Yes	No	No	No	No	No	No
	Burette 10 ml	No	No	No	No	No	No	No	No	No	No	No	No
	Conical Flask Biker/Glass bottles	No	No	No	No	No	No	No	No	No	No	No	No
	Glass or plastic funnel	No	No	No	No	No	No	No	No	No	No	No	No
	Glass stirring rod	No	No	No	No	No	No	No	No	No	No	No	No
	Small stainless steel bowl	No	No	No	No	No	No	No	No	No	No	No	No
	Electronic weighing scale	No	No	No	No	No	No	No	No	No	No	No	No
	Measuring cylinder	No	No	No	No	No	No	No	No	No	No	No	No
	Gas Burner	No	No	No	No	No	No	No	No	No	No	No	No
	Laboratory balance	No	No	No	No	No	No	No	No	No	No	No	No
	Stop watch, Cyclomixer	No	No	No	No	No	No	No	No	No	No	No	No
	Micro pipette 10-100 ml :10-200 ml	No	No	Yes	No	No	No	No	No	No	No	No	No
	Micro Tips	No	No	No	No	No	No	No	No	No	No	No	No
	Centrifuge, Oven	No	No	No	No	No	Yes	No	No	No	No	No	No
	Bath Serological	No	No	Yes	No	No	Yes	No	No	No	No	No	No
	Digital calorie meter	No	No	No	No	No	No	No	No	No	No	No	No
	Stirrer with stainless steel stirring rod	No	No	No	No	No	Yes	No	No	No	No	No	No
	Digital electronic temperature controller	No	No	No	No	No	No	No	No	No	No	No	No
53** *	I. Ion – meter Table Top (specific for fluoride estimation in biological fluid)	No	No	No	No	No	No	No	No	No	No	No	No
	II. Table Top Centrifuge without refrigeration	No	No	No	No	No	No	No	No	No	No	No	No
	III. Digital PH Meter	No	No	No	No	No	Yes	No	No	No	No	No	No
	IV. Metalar Balance	No	No	No	No	No	No	No	No	No	No	No	No
	V. Mixer	No	No	No	No	No	Yes	No	No	No	No	No	No

Performance Audit on Public Health Infrastructure and management of Health Services in AP

Sl. No	Laboratory Equipment Name	Paderu	Parvatipuram	Anakapalle	Tanuku	Tenali	Markapur	Madanapalle	Chittoor	Proddatur	Tekkali	Atmakur	Hindupur
	Vi. Incubator vii. Pipettes/Micropipettes	No	No	No	No	No	No	No	No	No	No	No	No
54	CO Analyser	No	No	No	No	No	No	No	No	No	No	No	Yes
55	Dry Biochemistry	No	No	No	No	Yes	No	No	No	No	No	No	No
56	Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each	No	Yes	No	Yes	Yes	Yes	No	No	No	No	No	Yes
57	Blood Component Separator	Yes	No	No	No	No	Yes	No	Yes	No	No	Yes	No
58	Platelet Agitator	Yes	No	No	No	Yes	No	No	Yes	No	No	Yes	Yes
59	Platelet Thawing Machine	Yes	No	Yes	No	Yes	No	No	Yes	No	No	Yes	No
60	Laminar Flow	Yes	No	Yes	No	Yes	No	No	Yes	Yes	Yes	No	Yes

Appendix –7.1

(Reference: Paragraph No7.9.4.1 Page No. 169)

List of procedures reserved for public Network Hospitals

Sl. No	Code	Name of Procedure / Treatment
1	S1.3.2.1	Laparoscopic Appendicectomy
2	S2.3.3	Tympanoplasty
3	S2.3.1	Endoscopic Sinus Surgery
4	S1.5.2	Laparoscopic Cholecystectomy
5	S10.2.7	Laminectomy
6	S4.2.1	Laparoscopic Vaginal Hysterectomy
7	S1.1.5.1	Hemithyroidectomy
8	S4.2.10	Vaginal Hysterectomy with Pelvic Floor Repair (70.79)
9	S1.3.1.9	Ventral And Scar Hernia repair with Mesh
10	S10.5.4	Spinal Fixation Rods and Plates, Artificial Discs

Appendix –7.2

(Reference: Paragraph No.7.9.6 Page No. 171)

Utilisation Certificates for funds received

(Amount in ₹)

Sl. No.	District	Amount Paid	UCs Submitted	Balance
1.	Anantapur	189,00,000	189,00,000	Nil
2.	Chittoor	152,00,000	122,00,000	30,00,000
3.	East Godavari	72,00,000	9,96,000	62,04,000
4.	Guntur	88,00,000	15,00,000	73,00,000
5.	Krishna	88,00,000	4,80,000	83,20,000
6.	Kurnool	88,00,000	Nil	88,00,000
7.	SPSR Nellore	72,00,000	15,16,000	56,84,000
8.	Prakasam	72,00,000	29,96,000	42,04,000
9.	Srikakulam	72,00,000	80,000	71,20,000
10.	Visakhapatnam	72,00,000	Nil	72,00,000
11.	Vizianagaram	72,00,000	32,80,000	39,20,000
12.	West Godavari	72,00,000	37,22,882	34,77,118
13.	YSR	132,00,000	72,00,000	60,00,000
Total		1241,00,000	528,70,882	712,29,118

Appendix -8.1

(Paragraph No. 8.2.3 Page No. 175)

Release of funds by GoI and State under Centrally Sponsored Schemes

(₹ in crore)

Sl. No.	Installment	CSS share and release date	MSS share and release dates	Total	UCs (Issued by APMSIDC & Department)	Purpose for which utilised
1	1 ST Revalidated and released as	7.01 (20.02.2017)	4.67 (11.07.2017)	11.68	0.34	Utilised by Department for providing mobility to Enforcement officers and lifting of samples for analysis.
		6.79 (20.02.2017)	4.55 (11.07.2017)	11.34	4.11 (Against 11.34)	Construction of Drug Testing Laboratory & Head office at Old GGH, Hanumanpet, Vijayawada.
2	2 nd	18.77 (27.07.2018)	12.31 (24.07.2019)	31.08	1.34 (Against 1.34)	Purchase of Machinery
					2.23 (Against 19.88)	Construction of (2) Regional Laboratories and (27) office buildings in Dist.
3	3 rd	6.15 (13.03.2020)	4.10 (16.10.2020)	10.25	1.52 (Against 2.372)	Purchase of Machinery and Equipment For procurement
					0.36	Consumable/ Stationery and Laboratory Materials and Supply
Total		31.93	21.08	53.01		
Expenditure Incurred		4.11	5.80	9.91		
Balance		27.82	15.28	43.10		
BRO issued to SNA Account		11.10	5.90	17.00		
Balance		16.72	9.38	26.10		

Appendix-8.2**(Paragraph No. 8.3.2 Page No. 178)****Statement showing delay in obtaining renewal by Private Medical Care Establishments**

Sl. No.	Name of the HCF	Registration number	Date of last renewal	Due date for next renewal	Application Date for renewal	Delay (in days)
Anantapur District						
1	Roopa Dental Hospital	54/2010-11	01.07.2010	30.06.2015	28.03.2017	640
2	Dr. Desai Subba Reddy	99/2012	08.09.2012	18.07.2017	22.01.2018	185
3	Anantapur Orthopaedic Centre	60/2011	12.01.2016	11.01.2021	23.04.2021	103
4	Guru Diagnostic Centre	380/2017	25.04.2016	24.04.2021	10.08.2021	108
5	Kriston Dental Care	438/2017	24.01.2017	23.01.2022	08.05.2022	106
6	Eswar Dental Care	386/2016	18.05.2016	17.05.2021	24.05.2022	373
7	Maruthi Multi Speciality	407/2016	04.10.2016	03.10.2021	31.05.2022	209
8	Gandhi Dental Clinic	439/2017	24.01.2017	23.01.2022	09.06.2022	138
SPSR Nellore District						
9	Rich Multi Specialty Hosp., Nellore	NA	NA	07.07.2021	26.02.2022	235
Srikakulam District						
10	Sri Venkata Sai Medical Centre	391/2016	05.03.2016	04.03.2021	12.08.2021	160

Appendix - 8.3**(Paragraph No. 8.5.4 Page No. 185)****Availability of Common bio-medical waste treatment facilities in the State**

Sl.No.	Name of the CBMWTF	Districts covered
1	M/s Rainbow Industries	Srikakulam, Vizianagaram
2	M/s Maridi Echo Industries,	Visakhapatnam
3	M/s EVB Technologies	East Godavari
4	M/s Safe Environ and associates	West Godavari
5	M/s Safe Environ	Krishna
6	M/s Safe Environ	Guntur
7	M/s Ongole Medical Waste Treatment Facility	Prakasam
8	M/s SS bio-care	SPSR Nellore
9	M/s AWM Consulting Ltd.	Chittoor
10	M/s Sriven Environ Technologies	YSR and Anantapur
11	M/s Medical Waste Solutions	Kurnool

Appendix-10.1

(Reference to Paragraph 10.4.2(c) Page No. 204)

Statement showing non-execution of approved activities under NAM for the period 2017-22

Sl. No.	Year of approved SAAP	Nature of work proposed	Cost (₹ in crore)
1	2017-18	Ayurvedic pharmacy at Visakhapatnam	0.74
		50 bedded integrated AYUSH hospital at Visakhapatnam	1.22
		50 bedded integrated AYUSH hospital at Kakinada	1.22
		Upgradation of AYUSH hospitals	0.20
		Upgradation of AYUSH Dispensaries	0.39
		Establishment of AYUSH wellness centre including Yoga	0.72
2	2018-19	50 bedded integrated AYUSH hospital at Kakinada	2.55
		Establishment of Ayurvedic Pharmacy	0.84
		Development /Pharming of Medicinal Plant	1.28
		Upgradation of AYUSH hospitals	0.80
		Upgradation of AYUSH Dispensaries	1.10
		School health Program through AYUSH	0.13
		IEC activities	0.16
		AYUSH Educational institutions	0.42
		Establishment of AYUSH wellness centre including Yoga	0.70
		Innovation & mainstreaming of AYUSH	1.09
		Tele-medicine	1.12
		Alcohol de-addiction centres	0.75
		HIV Project	0.29
		Supply of medicines for AYUSH hospitals	0.50
3	2019-20	Supply of medicines for AYUSH Dispensaries	10.67
		Establishment of 50 bedded integrated AYUSH hospital at Kakinada	2.55
		Establishment of 50 bedded integrated AYUSH hospital at Visakhapatnam	1.09
		School health Program through AYUSH	0.13
		Establishment of health & wellness centres	3.52
		Yoga wellness centre	0.70
		Alcohol de-addiction centres	0.48
		HIV Project	0.17
		Establishment of Ayurvedic Pharmacy, Visakhapatnam	0.60
		Drug Testing Lab Visakhapatnam	0.26
		AYUSH Educational institutions	0.51
		Development /Pharming of Medicinal Plant	3.15
		Establishment of health & wellness centres	7.71
4	2020-21	Establishment of health & wellness centres	7.71

Appendix 10.2

(Reference to Paragraph 10.4.2(e) Page No. 206)

Year wise UCs submitted to GoI under NAM

(₹ in crore)

Year	GoI share released to State Government	GoI share released to the units/nodal agencies	Amount for which UCs submitted to GoI	UCs pending for balance amount
2017-18	11.76	6.43	6.06	5.7
2018-19	12.80	5.98	1.04	11.76
2019-20	18.23	0.24	0.17	18.06
2020-21	4.63	0.08	0	4.63
2021-22	0	0	0	0
Total	47.42	12.73	7.27	40.15

Source: Information furnished by AYUSH Commissionerate

Appendix 10.3

(Reference to Paragraph 10.5 Page No. 208)

List of Departments in AYUSH medical colleges and hospitals

Homoeopathy College Departments (Non-clinical)	Teaching Hospital/ Departments (Clinical)	Ayurvedic College Departments (Non-clinical)	Teaching Hospital/ Departments (Clinical)
1. Anatomy 2. Physiology 3. Pharmacy 4. Pathology 5. Forensic Medicine and Toxicology Museum 6. Community medicine 7. Practice of medicine 8. Gynaecology and Obstetrics 9. Surgery 10. Materia medica 11. Organon of medicine 12. Repertory with Computer Lab 13. Psychiatry 14. Paediatrics	1. General Medicine 2. Paediatrics 3. Surgery 4. Obstetrics/ Gynaecology	1. Samhita and Siddhanta Department 2. Rachana Sharir Department 3. Kriya Sharir Department 4. Dravyaguna Department 5. Rasa Shastra evam Bhaishajya Kalpana Department 6. Roganidan evam Vikriti Vigyan Department 7. Swasthavritta and Yoga Department 8. Agada Tantra evam Vidhi Vaidya Department 9. Kayachikitsa Department 10. Panchakarma Department 11. Shalya Department 12. Shalakya Department 13. Prasuti evam Stri Roga Department 14. Kaumarbhritya (Balaroga) Department	1. Kayachikitsa (Internal medicine) 2. Panchakarma 3. Shalya 4. Shalakya Tantra 5. Stri Rog evum Prasooti Tantra 6. Kaumarbhritya (Balarog) 7. Swasthavrittaevum Yoga 8. Atyayika (casualty)

Appendix 10.4

(Reference to Paragraph 10.5.1(a) Page No.208)

Statement showing availability of building/ infrastructure facilities in Homoeo Medical College, Gudivada

Sl. No.	Constructed area	As per CCH Norms (Sq. meters)	Availability (Sq m)	Remarks
(i)	Total constructed area of the college building	1,210	1,058	
(ii)	Number of Departments	14 (in numbers)	12 (in numbers)	Psychiatry & Paediatrics (Not Available)
(iii)	Area of Administrative Section	120	30	
(iv)	Area of Seminar or conference or Examination Hall (including sitting capacity)	100	NA	
(v)	Area of all Teaching Departments			
	(a) Anatomy Department with a well-ventilated dissection hall with wash basin, storage for cadaver and museum with facility of histology demonstration	50	12	
	(b) Physiology with separate laboratories for physiology and biochemistry, museum and demonstration room	60	15	
	(c) Homoeopathic Pharmacy Laboratory with museum cum Demonstration Room	60	30	
	(d) Pathology Laboratory with museum cum demonstration room	60	20	
	(e) Forensic Medicine & Toxicology Museum cum Demonstration Room	40	10	
	(f) Community medicine museum cum demonstration room	40	15	
	(g) Practice of Medicine Museum cum Demonstration Room	40	15	
	(h) Gynaecology & Obstetrics Museum cum Demonstration Room	40	15	
	(i) Surgery Museum cum Demonstration room	40	10	
	(j) Homoeopathic Materia Medica Museum cum Demonstration Room	40	15	
	(k) Organon of Medicine including History of Medicine Museum cum Demonstration Room	40	15	
	(l) Repertory with Computer lab & Demonstration Room	40	15	
	(m) Psychiatry		NA	Shall provide at least 60 sq.m space for P.G. Courses
	(n) Paediatrics			
(vi)	Separate Common Rooms for Boys and Girls with adequate sitting arrangement and locker	25	NA	
(vii)	Canteen Facility in the college premises	40		

Source: Records of Dr. Guru Raju Govt. Homoeo Medical College, Gudivada

Appendix-10.5

(Reference to Paragraph 10.5.1(a)(v) Page No. 211)

Statement showing availability of building/ infrastructure
in Homoeopathy Hospital Gudivada

Sl. No.	Description	As per CCH norms (in sq. m.)	Actual area (in sq. m.)	Remarks
(i)	Area of the Hospital (Land) including college	2.5 acres		
(ii)	Total constructed area of the Hospital building			
(iii)	No. of Departments	4.00	4.00	Medicine, Surgery, Gynaecology and Paediatrics
(iv)	Area of Hospital Admn. Block	50.00	464.01	
(v)	Area of Out-Patient Department	100.00	800.00	
(vi)	Area of Inpatient Department	350.00	1,930.40	
(vi)	Area of Operation Theatres Block	100.00	--	No Operation Theatre
(vii)	Area of Rehabilitation unit including physiotherapy and Yoga	40.00	--	
(viii)	Area of Central Clinical Laboratory	40.00	227.50	
(ix)	Area of Radiology or Sonography Section	40.00	171.00	
(x)	Area of Hospital Kitchen and Canteen	20.00	--	
(xi)	Area of Stores	25.00	189.80	

Source: Records of Dr. Guru Raju Govt. Homoeo Medical Hospital, Gudivada

Appendix-10.6

(Reference to Paragraph 10.5.1(a)(vi) Page No. 212)

(A) Statement showing availability of equipment
in Dr Gururaju Government Homoeo Hospital, Gudivada

Sl. No.	Name of the articles	Required quantity as per CCH 2013 Regulations	Available quantity	Functional	Non Functional	Shortfall	Shortfall (per cent)
1	Iron beds (Simple, Surgical & Paediatrics)	50	48	31	17	19	38
2	Stretcher with trolley	1	2	1	1	0	0
3	Sterilisers	2	2	1	1	1	50
4	B.P. Instrument	8	30	5	25	3	38
5	Urine pots, male and female	10	4	3	1	7	70
6	Bed pans E.I.	10	13	12	1	0	0
7	Tongue depressor (Disposable)	As required	10	10			0
8	Suction Machine	1	2		2	1	100
9	Suction tube	As required	2		2	2	100

Sl. No.	Name of the articles	Required quantity as per CCH 2013 Regulations	Available quantity	Functional	Non Functional	Shortfall	Shortfall (per cent)
10	Artery forceps, small and big	12 each	60(30 Large & 30 Small)	All			0
11	Back rest	4	5	2	3	2	50
12	Oxygen cylinder with stand	1 in each ward	2	2			0
13	Dressing drums (big)	3	3	3		0	0
14	Diagnostic set (ENT)	1 in each ward	1		1	1	100
15	Infra-red lamp	1				1	100
16	Chair trolley with wheels	2	1	1		1	50
17	Refrigerator	1	1	1		0	0
18	Weighing Machine	4	10	5	5	0	0

(B) Statement showing availability of equipment in Dr Gururaju Government Homoeo College, Gudivada

(i) Department of Anatomy

SL. No	Name of the Equipment/Instrument	Required Quantity as per CCH 2013 Regulations	Actual Quantity	Whether functional (or) not	Short	Shortfall (in percentage)
1	Dissection Tables with marble tops or stainless steel (6' x 1' x 2' x 3')	4	4	Functional	0	0
2	Dissection set complete	As required	1	Functional	0	0
3	Saw for sectioning body and limbs	1	2	Functional	0	0
4	Storage tanks to hold cadavers	As required	2	Functional	0	0
5	Teaching \materials like Models, charts, diagrams, slides soft part, Mummified bodies, bones, latest diagrams <i>etc.</i>	-do-	Available as required (Set of 50)	Functional	0	0
6	Microscope (Medical)	25	25	20 Functional & 5 Non Functional	5	20

(ii) Department of Physiology

SL. No	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Medical Microscope	25	25	Non-Functional	25	100
2	Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	30	Functional	0	0
3	Haematocrit tubes	30 (with spares)	14	10 Functional & 4 Non-Functional	20	67
4	Auto Analyser or Semi Auto Analyser	1	1	Non-Functional	1	100
5	Haemoglobinometer Sahli	25(with spare)	5	Functional	20	80
6	Haemocytometer	25(with spare)	12	Functional	13	52
7	Sphygmomanometer	25	20	Functional	5	20
8	Stethoscope	25	11	Functional	14	56
9	Clinical thermometer (Digital)	25	0	Functional	25	100
10	Knee hammer	25	17	Functional	8	32
11	Tuning forks to test hearing (32-10000 Hzs)	1 set	1	Functional	0	0
12	Steth graphs or pneumographs	5	5	Functional	0	0
13	Electrocardiograph (ECG Machine)	1	1	Non-Functional	0	0
14	Electronic Stop Watches 1/10 sec.	4	2	Functional	2	50
15	Glass Distillation (double) apparatus	1	1	Non-Functional	1	100
16	Centrifuge (Medium speed)	2	2	Functional	0	0
17	Colorimeter (photo electric)	2	2	Functional	0	0
18	pH Meter electric	2	2	1 Non-Functional	1	50
19	Colour perception lantern (Edridge Green)	1	1	Functional only Red color	0	0
20	Incubator	1	2	Non-Functional	1	100
21	Educational CD, DVD, films, slides, models with Audio Visual Aids	As required	CD,DVD, Film-0, AVA-2	Non-Functional	0	0
22	Perimeter	3	0		3	100
23	Spirometer	1	0		1	100
24	Tonometer	1	1	Functional	0	0
25	Handgrip dynamometer	1	1	Functional	0	0
26	Bicycle Ergometer	1	1	Functional	0	0

(iii) Department of Biochemistry

SL. No	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Electronic/Monopan Balance	1	1	Functional	0	0
2	Centrifuge	1	1	Functional	0	0
3	Balance, chemical/ordinary	2	2	Functional	0	0
4	Water baths	2	2	Non Functional	2	100
5	Urinometer	25	25	Functional	0	0
6	Hydrometer (0.700 to 1.00)	2	2	Functional	0	0
7	Albuminometers	10	17	Functional	0	0
8	Glucometer	10	0	Functional	0	0
9	Thermometer	10	5	Functional	5	50
10	Colorimeter	1	1	Functional	0	0
11	Hot air oven 14 x 14 x 14 (Electric)	1	1	Non Functional	1	100
12	Double Distillation apparatus Glass	1	1	Non Functional	1	100
13	Centrifuge, medium speed, electric	1	1	Functional	0	0
14	Glass ware like pipette, beakers, burettes, wire gauze with asbestos, centre hot plate, stove, syringes, burners, rubber tubing stands clamps, flash etc.	As required	Not available		0	100
15	PH meter	1	1	Functional	0	0

(iv) Department of Pathology and Microbiology

SL. No.	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Hot air oven (50 °C) for special standing	1	0		1	100
2	Centrifuge machine electric Rotofix	2	1	Functional	1	50
3	Water bath, electric	4	4	Functional	0	0
4	Glass ware, stains, chemical reagents for histopathology etc.	As required	available	Chemical Reagent Non Functional		0
5	Incubator	2	2	Functional	0	0
6	Haemocytometer with R.B.C and W.B.C pipettes	25	12	Functional	13	52
7	Haemoglobinometer Sahli's types	25	1	Functional	24	96
8	Autoclave	2	1	Functional	1	50

SL. No.	Name of the Equipment/ Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
9	Anaerobic apparatus	2	1	Non Functional	2	100
10	Stopwatch sec	2	2	Functional	0	0
11	pH meter	1	1	Functional	0	0
12	Microscopes with oil immersion	25	11	10 Functional 1 Non-Functional	15	60
13	High power Centrifuge for serological/Hematological work	1	0		1	100
14	E.S.R Westergreen / Wintrobe	2 set each	1	Functional	1	50
15	Colony counter	1	1	Non-Functional	1	100
16	Material for preparation of media	As required	0			100
17	Material for preparation of stain	-do-	0			100
18	Coplin Jars	2	4	Functional		0
19	Computer with accessories	1	1	Non-Functional	1	100
20	Machine for estimation for blood sugar and for other serological tests	1	1	Functional	0	0

(v) Department of Community Medicine

SL. No.	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Barometer	1	1	Functional	0	0
2	Lactometer	1	2	1 Functional & 1 Non-Functional	0	0
3	Hydrometer	1	1	Functional	0	0
4	hydrometer wet and dry bulb	1	2	Non-functional	1	100
5	filter pasteum chamberland complete set	1	0		1	100
6	Museum					0
	Models	As Required	Available as per record			
	Chart & design					
	Material concerning					
7	Information on display	As Required	Available as per record			0
8	Slow sand filter model/Filter berk field	1	1	Functional	0	0

SL. No.	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
9	Smokeless Chullah model	1	0		1	100
10	Rapid sand Filter Model	1	1	Functional	0	0
11	Ideal Well Model	1	1	Functional	0	0
12	Refrigerator	1	1	Functional	0	0

(vi) Department of Forensic Medicine and Toxicology

SL. No.	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Weighing machine dial type human	1	1	Functional	0	0
2	Equipment for measuring height	1	1	Functional	0	0
3	Vernier calipers	1	1	Functional	0	0
4	Weapons (Blunt, Sharp & Pointed)	20	40	Functional	0	0

(vii) Department of Homoeopathic Pharmacy

SL. No	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
1	Pill tiles	25	25	Totally Destroyed	25	100
2	Porcelain dishes	25	10	Functional	15	60
3	Crucibles with tongs	25	25	All destroyed	25	100
4	Pestles and mortars (Iron, Glass, Porcelain)	25	30	Functional	0	0
5	Water bath, metal/electric	25	25	16 Functional & 9 Non Functional	9	36
6	Microscope (Student type)	5	2	Functional	3	60
7	Glass apparatus for filtration with vacuum	2	0		2	100
8	Thin layer chromatography apparatus	1	0		1	100
9	pH meter	2	4	Functional	0	0
10	Stop watch	25	6	Functional	19	76
11	Hydrometer	5	7	Functional	0	0
12	Alcoholometer	5	1	Functional	4	80
13	Lactometer	5	6	Functional	0	0
14	Electric potentiiser (for P.G. Course)	2	1	Non Functional	2	100
15	Electric Triturator (for P.G. Course)	2	0		2	100
16	Water Still (Distilled Water Plant)	1	1	Functional	0	0

SL. No	Name of the Equipment/Instrument	Required Quantity	Actual Quantity	Whether functional (or) not	Shortage	Shortfall (in percentage)
17	Percolater	5	3	Functional	2	40
18	Macerator	5	0		5	100
19	Botanical slides	As required	0		0	100
20	Colorimeter (for P.G. Course)	1	0		1	100
21	Spectro Scope (for P.G. Course)	1	0		1	100
22	Dissecting Microscope	2	0		2	100
23	Distillation Apparatus (Glass)	1 set	0		1	100
24	Pyknometer (Specific Gravity Bottle)	2	0		2	100
25	Electronic Balance	1	0		1	100
26	Hot Air Oven	1	0		1	100
27	Chemical Balance	10	3	Functional	7	70
28	Physical Balance	1	1	Functional	0	0
29	Measuring glasses, all sizes	As required	9	Functional	0	0
30	Miscellaneous-chemicals, drugs, glass phials, glass rods, Funnels, Filter paper etc.	As required	available	Functional	0	0

**Statement showing shortfall in the availability of equipment (percentage-wise)
Department wise**

Name of the Department	Shortfall (in per cent)			
	0-25	26-50	51-75	76-100
Department of Anatomy	6	0	0	0
Department of Physiology	12	3	3	8
Department of Biochemistry	10	1	0	4
Department of Pathology and Microbiology	7	3	2	8
Department of Community Medicine	9	0	0	3
Department of Forensic Medicine and Toxicology	4	0	0	0
Department of Homoeopathic Pharmacy	8	2	3	17
Total	56	9	8	40

**Statement showing shortfall in the availability of equipment (percentage-wise) for both
Homoeo College & Hospital**

Name of the Unit	0-25%	26-50%	51-75%	76-100%
Dr. Gururaju Govt. Homoeo Hospital, Gudivada	8	5	1	4
Dr. Gururaju Government Homoeo College, Gudivada	56	9	8	40

Availability of equipment (percentage-wise) for both Ayurveda College & Hospital*(in per cent)*

Name of the Unit	0-25	26-50	51-75	76-100
Ayurveda				
Dr AL Government Ayurveda Hospital, Vijayawada	246	13	6	49
Dr. NRS Govt. Ayurveda College, Vijayawada	69	5	10	13

Appendix 10.7**(Reference to Paragraph 10.5.2(a) Page No. 213)****Statement showing availability of infrastructure facilities
in Dr N.R.S Ayurveda College, Vijayawada**

Sl. No	Constructed area	As per CCIM Norms	Area (in sq. m)	Remarks
(i)	Total constructed area of the College building	4,000	2,421	
(ii)	Area of Administrative Section	300	169	
(iii)	Area of Lecture halls (No. of lecture halls and area of each hall)	800	300	
(iv)	Area of Seminar or conference or Examination Hall (including sitting capacity)	300	224	
(v)	Area of Central Library with seating capacity 61-100	200	225	
(vi)	Area of all Teaching Departments	2,400	1,303	
(vii)	(a) Samhita and Siddhanta Department (including Departmental library cum tutorial room)	100	50	
	(b) Rachana Sharir Department with dissection hall	250	144	
	(c) Kriya Sharir Department plus Kriya Sharir (Physiology) laboratory with optional facility for bio-chemistry testing	150	120	
	(d) Dravyaguna Department cum Dravyaguna museum and pharmacognosy and pharmacology labs	250	200	
	(e) Rasa Shastra evam Bhaishajya Kalpana Department plus Rasa shastra lab and museum, drug testing lab pharmacy	150	200	
	(f) Roganidan evam Vikriti Vigyan Department with Vikriti Vigyan Laboratory	150	75	
	(g) Swasthavritta and Yoga Department plus Yoga Hall in the College	150	75	
	(h) Agada Tantra evam Yoga Department plus museum	100	50	
	(i) Kayachikitsa Department	150	84	
	(j) Panchakarma Department	75	52	
	(k) Shalya Department plus museum cum tutorial room and Experimental Surgery (Yoga Laboratory)	150	75	
	(l) Shalakya Department plus museum cum tutorial room	150	76	
	(m) Prasuti evam Stri Roga Department plus museum cum tutorial room and	100	52	
	(n) Kaumarbhritya (Balaroga) Department plus museum cum tutorial room	75	50	
	Teaching Pharmacy and Quality testing lab	200	100	
(viii)	Separate Common Rooms for Boys and Girls with adequate sitting arrangement and locker	100	50	
(ix)	Canteen Facility in the college premises	100	50	
	Maintenance of Web based Computerised Central Registration Systems			

Sl. No	Constructed area	As per CCIM Norms	Area (in sq. m)	Remarks
	The college authorities should maintain a web based computerised Central Registration Systems regarding IP/OP Departments records (relating to attached hospital), case papers of OP Department and IP Department patients, laboratory and radiological investigation reports, medicines dispensing register, diet register for IP Departments patients, duty roster of hospital staff, Birth& Death certificates <i>etc.</i>		Not maintained	

Appendix-10.8

(Reference to Paragraph 10.5.2.(a)(vi) Page No. 214)

Statement showing funds received and expenditure incurred towards establishment of Mini Pharmacy in Dr NRS Ayurveda college, Vijayawada

Sl. No.	Date on which the amount received by the College	Amount Received (in ₹)	Expenditure (in ₹)	Unspent amount (in ₹)	Purpose
1	04-03-2016	14,13,574	11,15,051	2,98,523	Procurement of essential equipment
2	22-06-2017	3,14,808	3,14,808	---	Procurement of Raw drugs
3	30-05-2017	21,00,000	4,00,250	16,99,750	Recurring expenditure at ₹1.75 lakh per month (for 12 months)
4	30-08-2018	18,11,876	4,09,908	14,01,968	Procurement of raw drugs, raw material and payment of salaries for recruited staff of Mini pharmacy
Total		56,40,258	22,40,017	34,00,241	

Appendix 10.9

(Reference to Paragraph 10.5.2(c) Page No. 216)

(A) Statement showing availability of equipment in Dr A L Government Ayurveda Hospital, Vijayawada)

(i) Rogvigyan Laboratory

Sl.No.	Equipment and Instruments	Required Qty as per CCIM 2016 Regulations	Actual Quantity	Functional or Not	Shortfall
1	Binocular microscope	25	1	functional	24
2	Microscope with oil immersion	25	1	functional	24
3	Monocular microscope with oil emersion	25	2	functional	23
4	X-ray view box	1	1	functional	0
5	Sahli's Square tube	50	2	functional	48
6	Hb Pipette	50	1	functional	49
7	WBC Pipette	50	5	functional	45
8	Dropper	50	0		50

Sl.No.	Equipment and Instruments	Required Qty as per CCIM 2016 Regulations	Actual Quantity	Functional or Not	Shortfall
9	Red cell pipette	50	5	functional	45
10	Improved Neubauer chamber	50	2	functional	48
11	Incubator	2	1		1
12	Wintrobe's tube	50	0		50
13	Pasteur's pipette	50	0		50
14	Centrifuge Graduated Machine	2	2	functional	0
15	Westergrens pipette	50	0		50
16	Westergrens's stand	50	2	functional	48
17	Urinometer	50	0		50
18	Autoclave	1	1	functional	0
19	Ultraviolet lamp	1	1	functional	0
20	Cell counter (haemoautoanalyser)	1	1	functional	0
21	BP Apparatus	50	1	functional	49
22	Stethoscope	50	0		50
23	Thermometer	50	1	functional	49
24	Tongue depressor	50	1	functional	49
25	Stop watch	50	0		50
26	Physical balance	1	1	functional	0
27	Hot air oven	1	1	functional	0
28	Bunsen burner	50	1	functional	49
29	Refrigerator	1	1	functional	0
30	Sterile vessels/bottle to collect samples	Assorted	Assorted		0
26	Physical balance	1	1	functional	0
31	Torch	Assorted	Assorted	functional	0
32	Knee hammer	Assorted	1	functional	0
33	Measuring Tape	Assorted	1	functional	0
34	ENT examination set	Assorted	0		0
35	Reflectors(Mirrors)	Assorted	Assorted		0
36	Weighing machine	1	1	functional	0
37	Tuning Forks	Assorted	Assorted		0
38	Nasal speculum	Assorted	Assorted		0
39	Laryngoscope	Assorted	1	functional	0
40	Catheters	Assorted	Assorted		0
41	Probes	Assorted	Assorted		0
42	HBs Ag kit	Assorted	Assorted		0
43	HIV kit - Tridot (method by T Mitra)	Assorted	Assorted		0
44	CT and BT kit	Assorted	Assorted		0
45	Renal profile, LET kit, Lipid profile, Blood Sugar kit	Assorted	Assorted		0
46	Sterile disposable lancer/needle	Assorted	Assorted		0
47	Glass rod	Assorted	Assorted		0

Sl.No.	Equipment and Instruments	Required Qty as per CCIM 2016 Regulations	Actual Quantity	Functional or Not	Shortfall
48	Syringe needle destroyer	Assorted	1	functional	0
49	Cover slip	Assorted	Assorted		0
50	Cleaned slides	Assorted	3	functional	0
51	Litmus paper	Assorted	Assorted		0
52	pH indicator paper strips	Assorted	Assorted		0
53	Test tube	Assorted	50	functional	0
54	Separating funnels of various sizes	Assorted	Assorted		0
55	Glass Jars with lid of different sizes	Assorted	2	functional	0
56	Capillary Tubes	Assorted	Assorted		0
57	Rubber sheet	Assorted	Assorted		0
58	Magnifying lens	Assorted	Assorted		0
59	Water bath	Assorted	1	functional	0
60	Multi Stix	Assorted	Assorted		0

(ii) Labour Room

Sl.No.	Name of the items	Number required	Available	Functionality	Shortfall
1	Shadowless Lamp	1	1	Functional	0
2	Suction Machine (Neonatal)	1	0		1
3	Oxygen Cylinder and Mask	1	1	Functional	0
4	Foetal Toco Cardiograph	1	1	Functional	0
5	Radiant Warmer	1	0		1
6	Photo therapy Unit	1	1	Functional	0
7	Weighing Machine (Paediatric)	1	1	Functional	0
8	Patient trolley	2	1	Functional	1
9	Anesthesia trolley	1	1	Functional	0
10	Infantometer	1	1	Functional	0
11	Vacuum extractor	1	0		1
12	Foetal Doppler	1	1	Non functional	1
13	Low cavity forceps	2	2	Functional	0
14	Steriliser	2	2	Functional	0
15	Mackintosh rubber sheet	Assorted			0
16	Instruments for labour and Episiotomy (Scissors, forceps, needle holders <i>etc.</i>)	Assorted		Functional	0
17	Baby tray	2			2
18	Nebuliser	1	1	Functional	0
19	Foetoscope	5	5	Functional	0
20	Auto Clave	1	1	Functional	0
21	Drums	Assorted		Functional	0
22	Instrumental Trolley	Assorted		Functional	0
23	OT tables and head Up and head Low facility	1	1	Non functional	1

Sl.No.	Name of the items	Number required	Available	Functionality	Shortfall
24	Pulse Oximeter	1	1	Functional	0
25	Resuscitation kit	1	1	Functional	0
26	Boyle's apparatus	1	0		1
27	Electrocautery	1	0		1
28	MTP Suction Machine	1	0		1
29	Anesthesia Kit	1	0		1
30	Blunt and Sharp Curettes	10	4	Functional	6
31	Dilators set (Hegar's, Hawkins)	5	1	Functional	4
32	Sims's Speculum	5	5	Functional	0
33	Cusco's Speculum	5	5	Functional	0
34	Anterior Vaginal Wall retractor	5	4	Functional	1
35	Uterine sound	5	5	Functional	0
36	Volsellum	5	4	Functional	1
37	MTP Suction Currate	5	0		5
38	Retractors abdominal (Doyle's etc.)	5	2	Functional	3
39	Sponge holding forceps	5	5	Functional	0
40	Green armytage forceps	5	1	Functional	4
41	Uterus holding forceps	5	1	Functional	4
42	Kocher's forceps	5	1	Functional	4
43	Artery forceps (Long, short, Mosquito)Each	5	6	Functional	0
44	Scissors- different sizes	5	5	Functional	0
45	Forceps obstetrics	5	5	Functional	0
46	Endotrachial tubes	5	1	Functional	4
47	Cord Cutting appliances	5	0		5
48	I.U.C.D. removing hook	5	0		5
49	Bladder Sound	5	0		5
50	B.P. apparatus	2	2	Functional	0
51	HIV kit for emergency patients	Assorted		Functional	0
52	Plain and Hole towels	Assorted		Functional	0
53	Towel Clips	Assorted		Functional	0
54	Catguts and Thread	Assorted	0		0
55	Needles	Assorted		Functional	0
56	Needle holders	Assorted		Functional	0
51	HIV kit for emergency patients	Assorted		Functional	0
52	Plain and Hole towels	Assorted		Functional	0
53	Towel Clips	Assorted		Functional	0
54	Catguts and Thread	Assorted	0		0
55	Needles	Assorted		Functional	0
56	Needle holders	Assorted		Functional	0

(iii) Operation Theatres- Shalya

Sl. No.	Equipment and Instruments	Required Quantity	Actual Quantity	Either Functional (or) not	Shortfall
1	Spot light (Shadow less ceiling fitted)	1	1	Functional	0
2	Needle holding Forceps (big-medium-small)	Assorted	Assorted	Functional	0
3	Dressing drums of Assorted size	Assorted	Assorted	Functional	0
4	Drum stand	Assorted	Assorted	Functional	0
5	IV Stand	2	2	Functional	0
6	Cheatles Forceps	4	3	Functional	1
7	Mosquito forceps	4	4	Functional	0
8	Scissors straight (Tailor)	4	4	Functional	0
9	Scissors curved of different sizes	5	5	Functional	0
10	Stitch removal scissors	5	5	Functional	0
11	Dissection forceps	4	4	Functional	0
12	Sinus Forceps	4	4	Functional	0
13	Probes - Assorted size	5	5	Functional	0
14	Pointed scissors	4	2	Functional	2
15	Abdominal Retractors	5	4	Functional	1
16	Tissue Forceps	5	5	Functional	0
17	Bob Kock's Forceps	5	5	Functional	0
18	Kocher's Forceps	5	5	Functional	0
19	Urethral Dilators	5	0		5
20	Metal Catheters	5	2	Functional	3
21	Sponge holding forceps	4	4	Functional	0
22	Right Angle cholecystectomy Forceps	4	0		4
23	Stone holding forceps	4	0		4
24	Allies Forceps small	4	4	Functional	0
25	Allies Forceps Big	4	4	Functional	0
26	Artery Forceps small	4	4	Functional	0
27	Artery Forceps big	4	4	Functional	0
28	Artery Forceps Medium	4	4	Functional	0
29	Sigmoidoscope Rigid/flexible	1	1	Functional	0
30	Barron Pile's Gun	2	2	Functional	0
31	Laryngoscope Paediatric/Adult	1	0		1
32	Boyles Apparatus	1	1	Functional	0
33	Multi-parameter Monitor	1	1	Functional	0
34	Ambu Bag	2	0		2
35	Suction machine Electrical or Manual	1	1	Non Functional	0
36	Skin grafting knife with handle	Assorted	0		0
37	Surgical blades of different size	Assorted	Assorted	Functional	0
38	Self-Retaining Retractor	Assorted	0		0

Sl. No.	Equipment and Instruments	Required Quantity	Actual Quantity	Either Functional (or) not	Shortfall
39	Bone cutter	2	1	Functional	1
40	Gigli Saw	2	0		2
41	Scoop	Assorted	0		0
42	Periosteum elevator	2	2	Functional	0
43	Maggles Forceps	Assorted	0		0
44	High Pressure Autoclave	1	1	Functional	0
45	Nitrous Oxide Cylinder	1	1	Functional	0
46	Hydrolic Operation Table	1	1	Functional	0
47	Boyle's Apparatus	1	1	Functional	0
48	Instrument Trolley	Assorted	Assorted	Functional	0
49	Endotracheal Tube	Assorted	0		0
50	Proctoscope with or without illumination	2	2	Functional	0
51	Gabrial Syringe	1	1	Functional	0
52	Stretcher with trolley	2	1	Functional	1
53	Suction Machine	Assorted	Assorted	Functional	0
54	Emergency power back up facility	Assorted	0		0
55	Emergency light	4	0		4
56	Fire Extinguisher	2	1	Functional	1
57	BP Apparatus	Assorted	Assorted	Functional	0
58	Fumigator	1	1	Functional	0
59	Refrigerator	1	0		1
60	X-ray View Box (double)	2	1	Functional	1
61	Revolving Stool	Assorted	Assorted	Functional	0
62	Vertical BP Instrument	1	1	Functional	0
63	Rubber catheters of Assorted size	Assorted	Assorted	Functional	0
64	Corrugated rubber drain	Assorted	Assorted	Functional	0
65	Suturing Needle (straight/curved) of Assorted size	Assorted	Assorted	Functional	0
66	Surgical Thread	Assorted	Assorted	Functional	0
67	BP Handle of different size	Assorted	Assorted	Functional	0
68	Needle holder	Assorted	Assorted	Functional	0

(iv) Operation Theatres- Shalakya

Sl. No.	Equipment and Instruments	Required Quantity	Actual Quantity	Either Functional (or) not	Shortfall
69	Ophthalmic Operation table with Head rest	1	1	Functional	0
70	Sterilising box/case with matts	Assorted	Assorted	Functional	0
71	Lens insertion Forceps	Assorted	Assorted	Functional	0
72	Keratome	Assorted	0		0
73	Desmarres lid retractors	Assorted	Assorted	Functional	0
74	Cat-paw lacrimal retractor	Assorted	0		0
75	Mueller lacrimal sac retractor	Assorted	0		0

Sl. No.	Equipment and Instruments	Required Quantity	Actual Quantity	Either Functional (or) not	Shortfall
76	Dastoor iris retractor	Assorted	0		0
77	Meyrhofer Chalazioncurrete	Assorted	0		0
78	Sinsky lens manipulating hook	Assorted	0		0
79	IOL Manipulator	Assorted	0		0
80	Foreign body spud	Assorted	0		0
81	Lewis lens loop (vectis)	Assorted	0		0
82	Cystotome and spoon	Assorted	0		0
83	Mule Evisceration spoon	Assorted	0		0
84	Iris repository (double-ended)	Assorted	0		0
85	Jameson muscle hook	Assorted	0		0
86	Wills cautery with copper ball-point	Assorted	0		0
87	Langs lacrimal sac dissector	Assorted	0		0
88	Kelly Glaucoma punch	Assorted	0		0
89	Elevator (double ended)	Assorted	Assorted	Functional	0
90	Nasal speculum adult/child	Assorted	Assorted	Functional	0
91	Wilder punctum Dilator	Assorted	Assorted	Functional	0
92	Bowman lacrimal probes	Assorted	0		0
93	Hartman mosquito forceps	Assorted	Assorted	Functional	0
94	Colibri forceps 1*2 teeth	Assorted	Assorted	Functional	0
95	Mc. person corneal forceps with tying platform	Assorted	0		0
96	Dressing forceps, serrated	Assorted	Assorted	Functional	0
97	Moorfield conjunctival forceps	Assorted	0		0
98	Fixation forceps	Assorted	0		0
99	Beer cilea (epilation) forceps	Assorted	0		0
100	Arruga capsular forceps	Assorted	0		0
101	Snellen Entropion clamp	Assorted	0		0
102	Chalazion clamps	Assorted	Assorted	Functional	0
103	Vannas straight scissors	Assorted	Assorted	Functional	0
104	Barraquer needle holder	Assorted	Assorted	Functional	0
105	Air injection cannula	Assorted	0		0
106	Healon aspirating cannula	Assorted	0		0
107	AC washout cannula	Assorted	0		0
108	Lacrimal cannula	Assorted	0		0
109	Hydrodialysis cannula	Assorted	0		0
110	J-loop cannula (Right/Left With silicon tubing)	Assorted	0		0
111	Simcok direct I/A cannula with silicon tubing	Assorted	0		0
112	Irrigating aspirating handle	Assorted	Assorted	Functional	0
113	Lens dialer	Assorted	0		0
114	Superior Rectus forceps	Assorted	Assorted	Functional	0
115	Eye wash glasses (for Tarpana Karma)	Assorted	0		0
116	Swimming Goggles (for Tarpana Karma)	Assorted	0		0

(v) Operation Theatres- ENT

Sl.No.	Equipment and Instruments	Required Quantity	Actual Quantity	Either Functional (or) not	Shortfall
117	Aural Syringe	Assorted	Assorted	Functional	0
118	Jobson's Aural Probe	Assorted	Assorted	Functional	0
119	Eustachian Catheter	Assorted	Assorted	Functional	0
120	Mastoid Retractor	Assorted	0		0
121	Mastoid Gouge	Assorted	0		0
122	Mallet	Assorted	0		0
123	Nasal Foreign Body hook	Assorted	Assorted	Functional	0
124	Nasal packing forceps	Assorted	0		0
125	Nasal Snare	Assorted	Assorted	Functional	0
126	Bayonet Shaped gouge	Assorted	0		0
127	Walsham forceps	Assorted	Assorted	Functional	0
128	Laryngeal forceps	Assorted	Assorted	Functional	0
129	Tongue plate with throat suction	Assorted	Assorted	Functional	0
130	Tonsil holding forceps	Assorted	Assorted	Functional	0
131	Tonsillar suction	Assorted	0		0
132	Adenoid curette with cage	Assorted	0		0
133	Peritonsillarabcess draining forceps	Assorted	0		0
134	Fuller's Tracheostomy Tube	Assorted	0		0
135	Cheatel's Forceps	Assorted	0		0
136	Other consumable articles like gloves, syringes, bandages, sutras, etc.	Assorted	Assorted		0

Out-Patient Department**(vi) OPD- Kayachikitsa**

Sl. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
137	X-Ray View Box	1	1	Functional	0
138	BP Apparatus	2	2	Functional	0
139	Stethoscope	4	2	Functional	2
140	Torch	2	2	Functional	0
141	Examination Table	1	1	Functional	0
142	Thermometer	4	1	Functional	3
143	Tongue depressor	5	3	Functional	2
144	Weight and height measuring stand	1	0		1
145	Measuring tape	1	1	Functional	0
146	Knee Hammer	Assorted	0		0
147	Gloves	Assorted	Assorted	Functional	0

(vii) OPD- Shalakya

S. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
148	Tuning forks	Assorted	Assorted	Functional	0
149	Ophthalmoscope/ fundoscope	2	1	Functional	1
150	Auroscope	2	2	Functional	0
151	Examination Table	1	1	Functional	0
152	X-Ray Viewing Box	1	1	Functional	0
153	BP Apparatus	2	2	Functional	0
154	Stethoscope	4	2	Functional	2
155	Thermometer	4	1	Functional	3
156	ENT kit	Assorted	Assorted	Functional	0
157	Torch	2	2	Functional	0
158	Bull's lamp	1	1	Functional	0

(viii) OPD- Prasuti and Stri Roga

S. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
159	Weighing machine	1	1	Functional	0
160	Sims's speculum	2	2	Functional	0
161	Thermometer	4	4	Functional	0
162	Cusco's speculum	2	2	Functional	0
163	Examination Table	1	1	Functional	0
164	Lamp stand	1	1	Functional	0
165	Torch	2	2	Functional	0
166	X-Ray Viewing Box	1	1	Functional	0
167	BP Apparatus	2	2	Functional	0
168	Stethoscope	4	4	Functional	0
169	Measuring tape	2	2	Functional	0

(ix) OPD- Bal Roga

S. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
170	Scale	1	1	Functional	0
171	Weighing machine	1	1	Functional	0
172	Torch	2	2	Functional	0
173	X-Ray View Box	1	1	Functional	0
174	Thermometer	4	1	Functional	3
175	BP Apparatus with Paediatric cuff	2	0		2
176	Stethoscope	Assorted	Assorted		0
177	Examination Table	Assorted	Assorted		0

(x) OPD- Panchakarma

Sl. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
178	X-Ray View Box	1	1	Functional	0
179	BP Apparatus	2	2	Functional	0
180	Stethoscope	4	4	Functional	0
181	Torch	2	2	Functional	0
182	Examination Table	1	1	Functional	0
183	Thermometer	4	2	Functional	2
184	Tongue depressor	5	4	Functional	1
185	Weight and height measuring stand	1	1	Only Weighing machine function	0
186	Measuring tape	1	1	Functional	0
187	Knee Hammer	2	2	Functional	0
188	Gloves	Assorted	Assorted	Functional	0

(xi) OPD- Yoga Section (Swasth Rakhshan)

Sl. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
189	Facilities available (Equipment, Instrument, Furniture <i>etc.</i>)	Assorted		Non- functional	

(xii) OPD- Emergency

S. No.	Article required as per norms of CCIM	Required Quantity	Actual Quantity	Either Functional/Not	Shortfall
190	Facilities available (Equipment, Instrument, Furniture <i>etc.</i>)	Assorted		Non- functional	

(B) Statement showing availability of equipment in Dr NRS Government Ayurveda College, Vijayawada**(i) Physiology laboratory**

Sl. No.	Equipment and Instruments	Required Qty as per CCIM 2016 Regulations, Capacity	Actual availability	Shortfall	Shortfall (in percentage)
1	Microscopes with oil immersion	50	34	16	32
2	Westergen's pipette for ESR	100	100	0	0
3	Haematocrit Tube	100	11	89	89
4	Sahli's Haemoglobinometer	100	30	70	70
5	Haemocytometer	100	30	70	70
6	Electrocardiograph	1	1	0	0
7	Stop watches	100	5	95	95
8	Water Distillation still	1	1	0	0
9	Balances	1	0	1	100

Sl. No.	Equipment and Instruments	Required Qty as per CCIM 2016 Regulations, Capacity	Actual availability	Shortfall	Shortfall (in percentage)
10	Centrifuge with speed control	6	1	5	83
11	Colorimeter (photoelectric)	6	1	5	83
12	pH meter Electric	1	1	0	0
13	pH comparator with disc	1	0	1	100
14	Sphygmomanometer	50	4	46	92
15	Stethoscopes	100	4	96	96
16	Clinical Thermometer	100	8	92	92
17	Knee Hammer	100	5	95	95
18	Tuning forks	100	4	96	96
19	Steriliser	5	1	4	80
20	Refrigerator	1	.	0	0
21	Newton's colour wheel in a batch	1	1	0	0
22	Cover slips, glassware, Micro slides	Assorted	Sufficient	0	0

(ii) Details of equipment and instruments required for dissection hall

Sl. No.	Instruments and Equipment	Sixty-one to Hundred intake capacity	Actual availability	Shortfall	Shortfall (in percentage)
1	Tank with a capacity to preserve 2-4 bodies.	Assorted	4	0	0
2	Machines for bones and brain sectioning	Assorted		0	0
3	Dissection Sets	25	4	21	84
4	Dissecting Table				
a)	Full size with steel top or marble top stainless	6	4	2	33
b)	Half size with steel top or marble top stainless	10	4	6	60
5	X-ray viewing box or panels	3	1	2	67
6	Bone cutter of the number $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$ - fine pointed Chisel bone dissector	Assorted	2	0	0
7	Glass jars of different sizes	Assorted	Sufficient	0	0
8	Preservative Chemicals	Assorted	Sufficient	0	0

(iii) Details of equipment and instruments required for Rasashastra and Bhaishajya kalpana laboratory

Sl. No.	Equipment and Instruments	Sixty-one to Hundred intake capacity	Actual availability	Shortfall	Shortfall (in percentage)
1	Khalva Yantra-				
a)	Small	20	5	15	75
b)	Medium	20	7	13	65
c)	Porcelain	20	7	13	65

Sl. No.	Equipment and Instruments	Sixty-one to Hundred intake capacity	Actual availability	Shortfall	Shortfall (in percentage)
d)	Taptakhalvyantra	4	1	3	75
2	Pounding Apparatus (Ulukhala Yantra)	20	12	8	40
3	Putas (Different kind)	10	10	0	0
4	Moosha (Crucibles)	50	40	10	20
5	Koshti with Blower	4	2	2	50
6	Yantras				
a)	Dola Yantra	1	1	0	0
b)	Valuka Yantra	1	1	0	0
c)	Pithara Yantra	1	1	0	0
d)	Bhudhara Yantra <i>etc.</i>	1	1	0	0
7	Distillation Apparatus and Arka Yantra	6	2	4	667
8	Kupipakva Bhatti	1	2	0	0
9	Wet Grinder	1	1	0	0
10	Mixi	1	1	0	0
11	Juice Extractor	1	1	0	0
12	Refrigerator	1	1	0	0
13	Almiras and Racks for storage	Assorted	Available	0	0
14	Balance (Different Capacities)				
a)	Physical	1	1	0	0
b)	Chemical	1	1	0	0
c)	Electronic Balance	1	1	0	0
15	Heating Device-				
a)	Gas Stove	Assorted	Available	0	0
b)	Hot plate	Assorted	Available	0	0
c)	Chulla (Charcoal)	Assorted	Available	0	0
16	Big Vessels and Containers-				
a)	Brass	Assorted	Available	0	0
b)	Copper	Assorted	Available	0	0
c)	Steel <i>etc.</i>	Assorted	Available	0	0
d)	Earthen Vessels-Pots	Assorted	Available	0	0
17	Miscellaneous				
17	Jars (Porcelain) Fermentation Purpose	Assorted	10	0	0
18	Enamel Trays	Assorted	4	0	0
19	Spirit Lamp	Assorted	Available	0	0
20	Pressure Cooker	Assorted	1	0	0
21	Measuring Equipments Different Size (Glass)	Assorted	alum 2 plastic 1	0	0
22	Pyrometer	Assorted	1	0	0
23	Thermometer	Assorted	Available	0	0
24	Vessels				

Sl. No.	Equipment and Instruments	Sixty-one to Hundred intake capacity	Actual availability	Shortfall	Shortfall (in percentage)
a)	Frying Pan	Assorted	3	0	0
b)	Steel Vessel	Assorted	10	0	0
c)	Spatula	Assorted	2	0	0
d)	Ladles and Spoons	Assorted	Available	0	0
e)	Knife	Assorted	Available	0	0
f)	Plates	Assorted	Available	0	0
g)	Samdamsa Yantra(Tongs)	Assorted	Available	0	0
25	Sieves (Assorted Nos. and Size)	Assorted	3	0	0

(iv) Details of equipment and instruments required for pharmacognosy laboratory [dravyaguna]

Sl. No.	Equipment and Instruments	Sixty-one to Hundred intake capacity	Actual availability	Shortfall	Shortfall (in percentage)
1	Field magnifier	1	6	0	0
2	Compound microscope	1	30	0	0
3	Dissecting Microscope	1	18	0	0
4	Microscope	25	9 only 2 functioning	16	64
5	Electronic balance	2	1(Non fun)	1	50
6	Slides box with cover slips	Assorted	Available	0	0
7	Blotting/filter papers	Assorted	90	0	0
8	Dissection Box	Assorted	13	0	0
9	Enamel Trays	Assorted	15	0	0
10	Reagents				
a.	Chloroform	Assorted	Available	0	0
b.	Alcohol	Assorted		0	0
c.	HCL	Assorted		0	0
d.	Sulphuric acid	Assorted	Available	0	0
e.	Sodium, potassium hydroxide	Assorted	Available	0	0
f.	Benedict solution	Assorted	Available	0	0
g.	Sodium nitrate	Assorted	Available	0	0
h.	Potassium nitrate	Assorted	Available	0	0
i.	Citric acid	Assorted	Available	0	0
j.	Iodine	Assorted	Available	0	0
k.	Ethyl Alcohol	Assorted	Available	0	0
l.	Potassium Iodide	Assorted	Available	0	0
m.	Xylol/pure xylene (slide preparation)	Assorted	Available	0	0

Appendix 10.10

(Reference to Paragraph 10.7.1 Page No. 218)

Department wise Cadre Strength in AYUSH as of September 2022

Sl. No	Name of the Post	Posts		
		Sanctioned	In Position	Vacant
1	Commissioner	1	1	0
2	Additional Director (Homoeo)	1	0	1
3	Principal (Ayurveda)	1	1	0
4	Principal (Homoeo)	3	1	2
5	Professor (Ayur.) PG	1	0	1
6	Inspector, Board of Indian Medicine	1	0	1
7	Chief Medical Officer (Ayurveda)	2	2	0
8	Chief Medical Officer (Homoeo)	1	1	0
9	Chief Medical Officer (Unani)	1	1	0
10	Resident Medical Officer (Homoeo)	1	0	1
11	Professor (Ayur.) UG	10	4	6
12	Professor (Homoeo.) UG	39	12	27
13	Associate Professor (Reader) (Ayurveda)	11	9	2
14	Associate Professor (Homoeo)	45	11	34
15	Assistant Professor (Lecturer) (Ayurveda)	15	6	9
16	Assistant Professor (Homoeo)	45	0	45
17	Regional Deputy Director (Unani)	1	1	0
18	Regional Deputy Director (Ayurveda)	2	2	0
19	Regional Deputy Director (Homoeo)	1	1	0
20	Superintendent of the Hospital (Ayur)	1	1	0
21	Superintendent of the Hospital (Homoeo.)	3	2	1
22	Senior Medical Officer (Homoeo)	17	17	0
23	Senior Medical Officer (Ayur.)	20	19	1
24	Senior Medical Officer (Ayur.) LR	1	1	0
25	Senior Medical Officer (Unani)	6	5	1
26	Senior Medical Officer (Unani) LR	2	1	1
27	Medical Officer (Ayurveda)	318	199	119
28	Medical Officer (Homoeo)	187	88	99
29	Medical Officer (Unani)	71	27	44
30	Medical Officer (Ayurveda) LR	1	1	0
31	Medical Officer (Unani) LR	1	1	0
32	P.G. Scholar (In service -Ayurveda)	7	7	0
33	P.G. Scholar (In service -Homoeo)	5	2	3
34	P.G. Scholar (In service -Unani)	9	0	9
35	Inspecting Medical Officer (Ayurveda)	1	1	0
36	Accounts Officer	1	1	0
37	Lay Secretary and Treasurer Grade.II	6	4	2
38	Drug Inspector (Unani)	1	1	0
39	Drug Inspector (Homoeo)	1	1	0
40	Drug Inspector (Ayurveda)	2	2	0
41	Head Nurse / Senior Sister	2	0	2
42	Office Superintendent	17	12	5
43	Senior Assistant	38	34	4
44	Junior Assistant	31	26	5
45	Clerk cum Typist	2	1	1
46	Staff Nurse	32	7	25
47	Librarian	4	0	4
48	Pharmacist Grade-II	2	2	0
49	Compounder (Ayurveda)	226	91	135
50	Compounder (Homoeo)	189	76	113

Sl. No	Name of the Post	Posts		
		Sanctioned	In Position	Vacant
51	Compounder (Unani)	69	34	35
52	Auxiliary Nurse Mid-Wife	82	17	65
53	Principal (Unani) GIA	1	0	1
54	Professor (Unani) GIA	13	0	13
55	Associate Professor (Unani) GIA	14	0	14
56	Assistant Professor (Unani) GIA	19	7	12
57	Junior Assistant Unani (Grant-in-Aid)	1	0	1
58	Clerk cum Typist Unani (Grant-in-Aid)	1	0	1
59	Store Keeper Unani (Grant-in-Aid)	1	0	1
60	Record Assistant Unani (GIA)	2	1	1
61	Roneo Operator	1	0	1
62	Museum Curator	2	1	1
63	Daya	16	0	16
64	Cycle Orderly	1	0	1
65	Telephone Operator	1	0	1
66	Dafedar	1	0	1
67	Ayah	3	0	3
68	Dispensary Servant	9	2	7
69	Night Watchman	2	0	2
70	X-Ray Attendant	2	0	2
71	Maitee	8	0	8
72	Herb Collector	4	1	3
73	Thoty	5	0	5
74	Store Keeper	2	1	1
75	Jarrah / Dresser	2	1	1
76	Radiographer	3	0	3
77	Multipurpose Health Assistant	1	0	1
78	Dark Room Assistant	3	0	3
79	Maternity Assistant	62	7	55
80	Lab Attendant	5	0	5
81	Register Writer	4	0	4
82	Driver (Light Vehicle)	12	2	10
83	House Keeper	3	2	1
84	Record Assistant	1	0	1
85	Massagist	2	0	2
86	Watchman	33	11	22
87	Cook / Assistant Cook	17	3	14
88	Cleaner	2	0	2
89	Dhobi	3	1	2
90	Lab Boy	2	2	0
91	Scavenger	16	8	8
92	Sweeper cum Scavenger	403	195	208
93	Sweeper	56	33	23
94	Ward Boy	4	3	1
95	Office Subordinate / Attender	141	71	70
96	Sweeper-cum-Watchman	1	0	1
97	L.D. Steno	7	0	7
98	Typist	15	4	11
99	Nursing Orderly	269	107	162
100	Jamedar	1	1	0
101	U D Accountant	1	0	1
102	Lab Technician	15	0	15
Total		2,730	1,198	1,532

Appendix-10.11

(Reference to Paragraph 10.9.2.1 Page Nos. 226 & 227)

Details of bed occupancy in Ayurveda Hospital and Homoeo Hospital

Sl. No.	Hospitals name	No of students	Min no of beds in IPD	Avg. no of patients in IPD per day	Bed occupancy in a calendar year (365 days)
Dr. A.L. Government Ayurveda Hospital, Vijayawada					
1	UG students SI No. 7(2) of Indian Medicine Central Council (UG) Regulation, 2016	75	75	40 per cent	10,950
2	PG students SI No. 6(13) of Indian Medicine Central Council (UG) Regulation, 2016	25	100	50 per cent	18,250
				Total Bed occupancy w.r.t. norms	29,200
Dr. Gururaju Govt. Homoeo Hospital, Gudivada					
1	UG students SI No. 7(2) of CCH Regulation, 2013	50	20	30 per cent	2,190
2	PG students SI No. 9(v) of CCH (PG) Regulations 1989	23	23	30 per cent	2,555
				Total Bed occupancy w.r.t. norms	4,745