

# **CHAPTER - IV**

## **STUDY AREA**

#### **4.1 Profile of the Kamrup (Metro) District of Assam:**

Kamrup (Metro) is the 27<sup>th</sup> District of Assam. It was created on 03.2.2003 by bifurcating the erstwhile Kamrup District. The administrative Headquarter of the district is located in Guwahati (City).

The overall Health Administration of the District is done by the Joint Director of Health (HQ). However for the purpose of evaluation and monitoring of the implementation of various Health and Family Welfare Schemes of the state and that of Central Government in the district, the Deputy Commissioner is the authorized official who discharges this function by organization review meetings in the district Head quarter from time to time. The District of Kamrup (M) covers an area of 955 Sq.km. The demographic profile of the District as per 2011 census is given in Table 4.1.

**Table 4.1 Demographic profile of Kamrup (Metro) District of Assam**

Population	1253938
Rural population	216927
Urban population	1037011
Population density per sq.km	1313

Source: Census of India, 2011

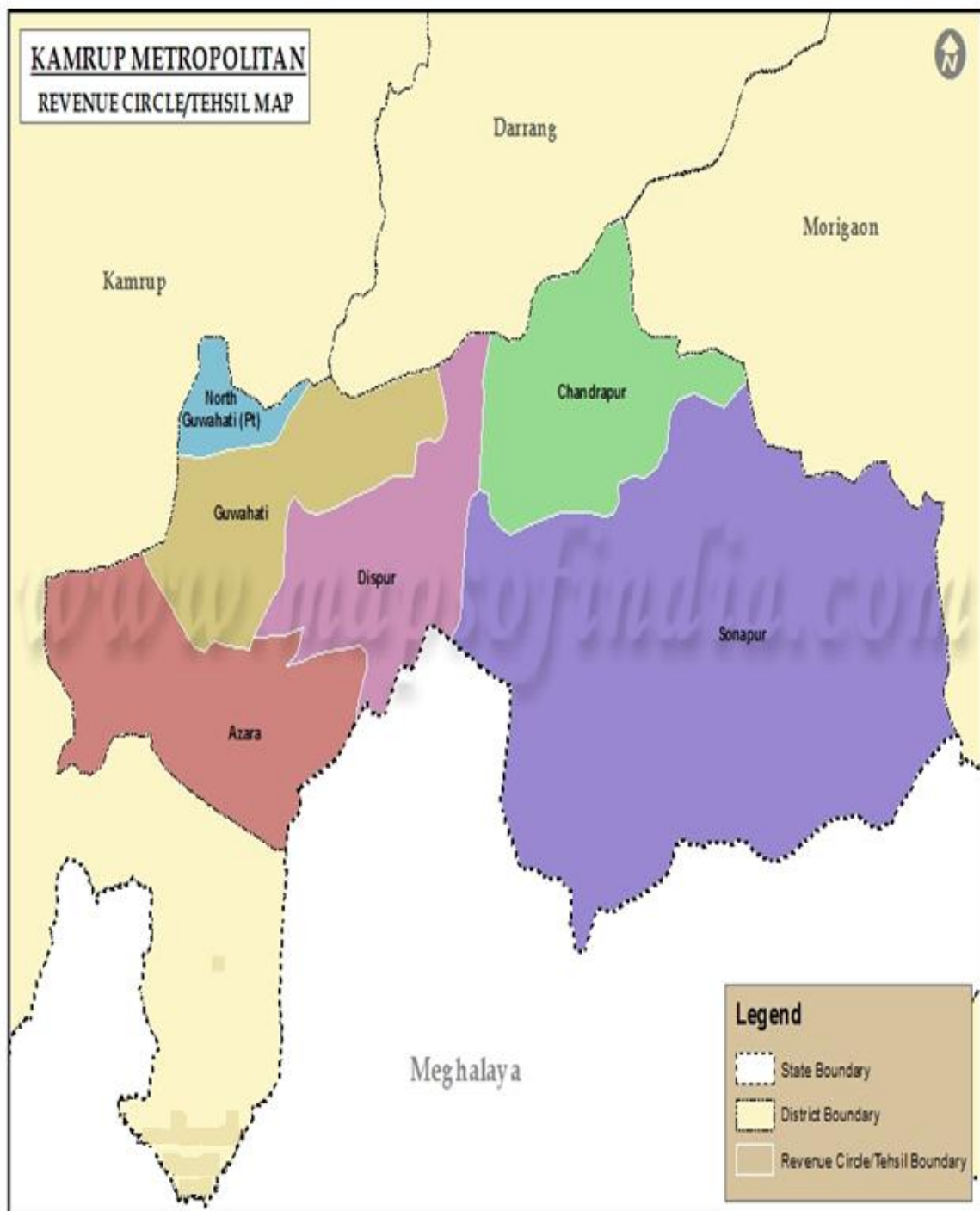
Kamrup (Metro) has 1 Sub Division named Guwahati (Sadar). For the purpose of effective administration, this District is divided into 6 Revenue Circles and 3 Development Blocks. Different Blocks and Revenue circles of Kamrup (Metro) District are detailed in Table 4.2.

**Table 4.2 Blocks and Revenue circles of Kamrup (Metro) District**

<b>Sl. No.</b>	<b>Revenue Circle</b>	<b>Development Block</b>
1	Azara	Chandrapur
2	Chandrapur	Dimoria
3	Dispur	Rani
4	Guwahati	-----
5	North Guwahati	-----
6	Sonapur	-----

Source:www.assaminfo.com.

**Fig. 4.1 Map of Kamrup (Metro) District showing different Revenue circles**



Source: <http://www.mapsofindia.com>.

**Fig. 4.2 Photograph of first NABH Accredited Hospital of the North East**



**down town hospital ltd., Guwahati**

Source: [www.google.co.in](http://www.google.co.in)

**Fig. 4.3 Photograph of the Teaching Hospital of Assam with highest number of Beds**



**Gauhati Medical College Hospital, Guwahati**

Source: [www.google.co.in](http://www.google.co.in)

**Fig. 4.4 Photograph of the only Govt. Ayurvedic Hospital of Assam**



**Government Ayurvedic College Hospital, Jalukbari**

Source: [www.google.co.in](http://www.google.co.in)

The District Health Infrastructure of Kamrup (Metro) district is divided into Urban and Rural. The Urban Health Infrastructure of the district is detailed in Table 4.3.

**Table 4.3 Government Hospitals in Kamrup (Metro) District**

Sl. No.	Name hospital	Category/Zone
1	District Hospital, Sonapur	District
2	Sonapur Block PHC	Block
3	Khetri CHC	Rural
4	Hatibagara PHC	Rural
5	Nortap PHC	Rural
6	Maloibari PHC	Rural
7	Hahara PHC	Rural
8	Panikhaity PHC	Rural
9	Kamarpur PHC	Rural
10	Hahara State Dispensary	Rural
11	Tamulikuchi State Dispensary	Rural
12	Dimoria State Dispensary	Rural
13	Digaru State Dispensary	Rural
14	Khetri State Dispensary	Rural
15	Capital State Dispensary	Capital Zone
16	Khanapara State Dispensary	Capital Zone
17	East Guwahati State Dispensary	East Zone
18	West Guwahati State Dispensary	West Zone
19	Kamakhya State Dispensary	West Zone
20	Lakhra State Dispensary	Capital Zone

21	Capital (AYUR) State Dispensary	Capital Zone
22	Bhetapara Urban State Dispensary	Capital Zone
23	Satgaon Urban State Dispensary	East Zone
24	Garigaon Urban State Dispensary	West Zone
25	Lalganesh Urban State Dispensary	Capital Zone
26	New Guwahati	East Zone
27	PanduMaligaon Urban State Dispensary	West Zone
28	JanataBhawan	Capital Zone
29	Maternity and Child Welfare Hospital, Dhirenpara	Dhirenpara Zone
30	Kharghuli PHC	East Zone
31	Odalbakra PHC	Dhirenpara Zone
32	Notboma PHC	Rural
33	Pandu PHC	West Zone
34	Garigaon Sub-Centre	West Zone
35	Tetelia Sub-Centre	West Zone
36	Durrung Sub-Centre	Rural
37	Maloibari Mini PHC	Rural
38	Chandrapur Sub-Centre	Rural
39	Molnakhurung Sub-Centre	Rural
40	Chakardol Sub-Centre	Rural
41	Pub-Boragaon Sub-Centre	Rural
42	Chandrapur Sub-Centre	East Zone

Source: Jt. Director of Health Services, Kamrup (Metro)

There are 13 Rural Health Institutions in Kamrup (M) district which includes 1 District Hospital. A detail of the same is given in Table 4.4

**Table 4.4 Health institutions (Rural) of Kamrup (Metro) district.**

Sl.No	Health Institution
1	Dimoria PHC
2	Digaru State Dispensary (SD)
3	Hohora SD
4	Hatibagra SD
5	Kamarbari MPHC
6	Maloibari MPHC
7	Nortap MPHC
8	Khetri SD
9	Khetri CHC
10	Panikhaiti MPHC
11	Sonapur District Hospital
12	Sonapur PHC
13	Tamulikuchi SD

Source: Jt. Director of Health Services, Kamrup (Metro)

Government Hospitals of Guwahati city has been divided into four zones. They are named as capital zone, East Guwahati zone, west Zone and Dhirenpara Zone. Names of Hospitals under different zones are detailed in Table 4.5.

**Table 4.5 Government Hospitals under different Zones of Guwahati City**

Capital Zone	East Guwahati Zone	West Zone	Dhirenpara Zone
Capital State Dispensary	East Guwahati State Dispensary	Pandu FRU	Dhirenpara Maternity and Child welfare Hospital
Khanapara State Dispensary	Satgaon Urban Health Centre.	PanduMaligaon State Dispensary	OdalbakraState Dispensary
Lokhra State Dispensary	Kharghuli State Dispensary	Kamakhya State Dispensary	—
Bhetapara State Dispensary	New Guwahati State Dispensary	West Guwahati State Dispensary	—
Lalganesh State Dispensary	—	Garigaon State Dispensary	—

Source:Jt.Director of Health Services, Kamrup (Metro)

There are 50 Private Hospitals in Guwahati city which have been provided license by the office of the Joint Director of Health services, Kamrup (Metro) to operate medical service. Down Town hospital Ltd., the first Corporate Hospital of North East India is the largest Private Hospital of Guwahati city with 300 beds. It is also the first Hospital of the region to get accreditation from NABH. The list of Private Hospitals the city is detailed in Table 4.6.

**Table 4.6 Nursing Homes/Private Hospitals of Guwahati city issued license to operate in Kamrup (Metro) district**

Sl. No.	Name of Nursing Home/Private Hospitals	Departments Approved	Number of beds
1	M/s Guwahati Neurological Research Centre Ltd. (GNRC) Dispur, Guwahati-6	Neurology, Neurosurgery, Cardiology, Cardiovascular, Thoracic Surgery, ENT and Medicine, Laboratory with Clinical Biological, Biochemical Testing facilities, X-Ray , MRI, CT Scan and Ultrasound, Physiotherapy Clinic	134
2	M/s Down Town Hospital Private Ltd., Dispur, Guwahat-6	Medicine, Surgery, Diabetology, Dermatology, Dentistry, Neurology, Obstetrics and Gynecology, Eye, ENT, Pediatrics, and Orthopedics, Clinical Laboratory and Diagnostic Centre	300

3	M/s Dispur Polyclinic and Nu	Medicine, Surgery, Diabetology, Dermatology, Dentistry, Obstetrics and Gynecology, Eye, ENT, Pediatrics, and Orthopedics, Clinical Laboratory and X-Ray and Polyclinic	50
4	M/s Central Nursing Home, Beltola, Guwahati-29	Medicine, Surgery, Urology Obstetrics and Gynecology, Eye, Pediatrics, Clinical Laboratory, X-Ray and Ultrasound	37
5	M/s Wintrobe Hospital, GNB Road, Ambari, Guwahati-1	Medicine, Surgery, Cardiology, Obstetrics and Gynecology, ENT, Pediatrics, and Orthopedics, Clinical Laboratory	35
6	M/s North-East Medical Care (NEMCARE) and Research Centre Pvt. Ltd., Bhangagarh, Guwahati-5	Medicine, Surgery, Obstetrics and Gynecology, Eye, ENT, Pediatrics, Orthopedics, Radiology, Ultrasonography, Clinical Laboratory	100
7	M/s H.M. Hospital and Research Centre Pvt. Ltd., Hatigaon, Guwahati-38	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Pathology	34
8	M/s Hayat Hospital, Udalbakra, Guwahati-34	Medicine, Surgery, Obstetrics and Gynecology, Eye, ENT, Pediatrics, Orthopedics, Radiology, Ultrasonography, Cardiology, Clinical Laboratory	100
9	M/s East End Nursing Home and Research Institute, Bamunimaidam, Guwahati-21	Medicine, Surgery, Obstetrics and Gynecology, Eye, ENT, Pediatrics, X-Ray, CT Scan, Ultrasonography, Clinical Laboratory	44
10	M/s Agile Hospital Pvt. Ltd., Jayanagar, Guwahati-22	Medicine, Surgery, Obstetrics and Gynecology, Dental, ENT, Pediatrics, Dermatology, X-Ray, Ultrasound, Clinical Laboratory	63
10	M/s Rahman Hospitals Pvt. Ltd., V.I.P. Road, Six mile, Guwahati-22	Medicine, Neurosurgery, Neurology, Eye, ENT, Orthopedics, Radiology, Ultrasonography, Clinical Laboratory	50
11	M/s International Hospital, G.S. Road, Christianbasti, Guwahati-5	Medicine, Surgery, Nephrology, Obstetrics and Gynecology, ENT, Pediatrics, Orthopedics, X-Ray, Ultrasonography and CT Scan, Physiotherapy	123
12	M/s SwagataEndolaproscope Surgical and Research Institute, Santipur, Guwahati-9	Medicine, Surgery-(a) General Surgery (b) Laproscopic Surgery (c) Gastroenterological Surgery	50
13	M/s Marowari Maternity Hospital, Sati Jaymoti Road, Guwahati-8	Obstetrics and Gynecology	73
14	M/s Borthakur Clinic Pvt. Ltd., Kharghuli, Guwahati-4	Medicine, Surgery, Obstetrics and Gynecology, ENT, Pediatrics, Clinical Laboratory	36
15	M/s Kalicharan Das Nursing Home and Polyclinic, Kalapahar, Guwahati-16	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics (No Clinical Laboratory)	30
16	M/s Nightingale Hospital Pvt. Ltd., Kacharibasti, Guwahati-5	General Medicine, ENT (No Clinical Laboratory)	21
17	M/s Kumar Nursing Home, Kumarpara, Guwahati-9	Medicine, Surgery, Obstetrics and Gynecology, ENT, Pediatrics, Orthopedics, Radiology (No Clinical Laboratory)	25
18	M/s Dr. B. A. Saikia Memorial Nursing Home, Adabari, Guwahati-14	Medicine, Pediatrics, X-Ray, Ultrasonography, Clinical Laboratory	20



19	M/s Aruna Memorial Hospital Pvt. Ltd., Rajgarh Road, Bhangagarh, Guwahati-5	Surgery, Gynecology, Orthopedics, ENT (No Clinical Laboratory)	28
20	M/s Good Health Hospital, G.S. Road, Dispur, Guwahati-6	Medicine, Obstetrics and Gynecology, Pediatrics, Anesthesiology, Pathology, ENT	29
21	M/s Greenland Nursing Home and Medhi Diagnostic Clinic, V.I.P. Road, Guwahati-17	Medicine, Surgery, Obstetrics and Gynecology, Eye (No Clinical Laboratory)	14
22	M/s City Heart Hospital, Rajgarh Road, Guwahati-3	Medicine, Surgery, Obstetrics and Gynecology, Eye, ENT, Pediatrics, Orthopedics (No Clinical Laboratory)	26
23	M/s N. L. Medicare and Research Centre, G.S. Road, Guwahati-5	Ophthalmology, Medicine, Clinical Laboratory	10
24	M/s Saint John's Hospital, G.M.C. Road, Christianbasti, Guwahati-5	Medicine, Surgery, Obstetrics and Gynecology, Clinical Laboratory	50
25	M/s Midland Hospital and Research Centre Pvt. Ltd., Near Guwahati Zoo, Guwahati-5	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics (No Clinical Laboratory)	22
26	M/s Institute of Human Reproduction, Bharalumukh, Guwahati-9	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics (No Clinical Laboratory)	30
27	M/s Advance Neuro Science Hospital, Kahilipara, Near Ganesh Mandir, Guwahati-6	Neurological Sciences, (No Clinical Laboratory)	28
28	M/s Pragjyoti Eye Care and Research Centre Pvt. Ltd., Hatigarh Chariali, Guwahati-21	Ophthalmology (No Clinical Laboratory)	10
29	M/s SrisankardevNatalaya, Beltola, Guwahati-28	Eye Services	50
30	M/s E.G. Nursing Home Pvt. Ltd., NarengiTiniali, Guwahati-26	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, ENT (No Clinical Laboratory)	15
31	M/s New Hope Science and Research, Mathgharia, Guwahati	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Ophthalmology, Pathology, Radiology, Neuroscience, Physiotherapy (No Clinical Laboratory)	100
32	M/s North East Hospital and Research Institute, Sijubari, Guwahati	Surgery, Radiology, Ultrasound, Clinical Laboratory	24
33	M/s Arya Hospital, A.M. Road, Rehabari, Guwahati-8	Medicine, Surgery, Obstetrics and Gynecology, Radiology	79
34	M/s Marowari Hospital and Research Centre, Sati Jaymoti Road, Athgaon, Guwahati-8	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Dental Surgery	88
35	M/s Sacred Home Hospital, Kacharibasti, Ulubari, Guwahati-7	Medicine, General Surgery, Pathology (No Clinical Laboratory)	35

36	M/s Dristi Eye Clinic, Rajgarh Tiniali, Guwahati-3	Ophthalmology	4
37	M/s Guwahati Lions Eye Hospital, Guwahati-8	Ophthalmology	10
38	M/s GNRC Hospital, Six Mile, Guwahati-22	Medicine, Surgery, Dermatology, Neurology, Obstetrics and Gynecology, ENT, Pediatrics, and Orthopedics, Ultrasonography, Clinical Laboratory and Diagnostic Centre	50
39	M/s Chatribari Christian Hospital, K.C. Choudhury Road, Guwahati-8	Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Ophthalmology, Pathology, Radiology	100
40	M/s Omega Eye Clinic and Research Centre, Lankeswar, Guwahati	Ophthalmology	5
41	M/s Sanjivani Hospital, Maligaon, Guwahati	Medicine, Surgery, Pediatrics, Orthopedics, Pathology, ENT, Radiology	50
42	M/s Sight First Eye Clinic (Day Care Hospital), Rajgarh Road, Bhangagarh, Guwahati-5	Ophthalmology	5
43	M/s Pratiksha Hospital, V.I.P. Road, Barbari, Guwahati-36	Obstetrics and Gynecology, Radiology, Clinical Laboratory	50
44	M/s Dispur Hospital, Dispur, Guwahati-6	General Medicine, General Surgery, Obstetrics and Gynecology, Pediatrics, Ophthalmology, ENT, Pathology, Radiology	100
45	M/s Sun Vally Diabetic Care and Research Centre, G.S. Road, Dispur, Guwahati-6	Laboratory, X-Ray, Ultrasound, Medicine, Diabetics	25
46	M/s North East Cancer Hospital and Research Centre, Amarigog, Jorabat, Guwahati	Oncology, Laboratory, Ultrasound, CT Scan	

Source: Jt. Director of Health Services, Kamrup (Metro)

There are 5 Central Government Hospitals in Guwahati City. These Hospitals are detailed in Table 4.7.

Table 4.7 Central Government Hospitals of Guwahati city

Sl. No.	Name of the hospital	No. of beds	Controlling Ministry/Department
1	Central Railway Hospital, Maligaon	70	Ministry of Railway, Govt. Of India
2	Army Base Hospital, Basistha	50	Ministry of Defence, Govt. of India
3	C.R.P.F. Group Centre Hospital, 9 <sup>th</sup> Mile		Ministry of Home, Govt. of India
4	E.S.I.C. Model Hospital, Khanapara	22	Ministry of Labour and Employment, Govt. Of India
5	Guwahati Refinery Hospital, Noonmati	25	Indian Oil Corporation Ltd., Noonmati

Source: Field Survey done in Guwahati

There are three Teaching Hospitals in Guwahati city. A list of these Hospitals is detailed in table 4.8.

Table4.8 Teaching Hospitals of Guwahati City.

Sl. No	Name of Hospital	No. of beds	Directorate	Location of the Hospital
1	Gauhati Medical College Hospital	2180	Director of Medical Education	Bhangagarh,Guwahati:5
2	Government AyurvedicCollege Hospital	154 *	Director of AYUSH	Jalukbari, Guwahati: 13
3	S.J.N.Homoeopathic College Hospital	25	Director of AYUSH	Panjabari, Guwahati:22

Source: Survey done by the Researcher \* Indicates Number of functional Beds

Table 4.9: Manpower (other than Doctor) in Gauhati Medical College Hospital, Guwahati.

Sl. No	Designation	No of post created by Govt.	No of posts filled	No of posts vacant
1	Matron	2	2	0
2	Asst. Matron	2	0	2
3	Ward Sister	33	28	5
4	Diet Sister	2	2	0
5	*Staff Nurse	215	215	0
6	Lady Health Visitor	4	4	0
7	A N M	65	12	53
8	Accountant	1	0	1
9	U. D. A.	6	4	2
10	Receptionist	5	2	3
11	Radiographer	8	6	2
12	Medical Record Technician	8	5	3
13	Assistant Physiotherapist	2	0	2
14	Ambulance Driver	13	10	3
15	Anaesthetist Technician	5	4	1
16	X-Ray Mechanic	1	0	1
17	Orthopaedic Technician	1	0	1
18	Prosthetic Technician	1	0	1
19	Clerk cum record keeper	2	1	1
20	Ophthalmic Assistant	2	1	1
21	Steno cum Typist	1	0	1
22	Ward Boy & Ward girl	627	515	112
23	Sweeper	226	178	48
24	Casual staff	132	126	6

Source: Data furnished to the State Assembly session, 2015

\*Includes contractual appointments under NHM

Table 4.10: Manpower position (other than Doctor) in S.J.N. Homeopathic College Hospital, Guwahati

Sl.No	Name of the post	Regular appointment	Contractual appointment	Appointed by HMC#	On deputation	Total
1	Nurse	0	2 (NHM)	1*	0	3
2	Ward Boy	3	0	0	0	3
3	Ward Girl	3	0	0	0	3
4	Dresser	1	0	0	0	1
5	Laboratory Technician	1	0	1**	0	2
6	Driver	0	0	0	1	1
7	Pharmacist***	0	0	0	0	0
8	Watchman****	2	0	0	0	2
9	Office Assistant	3	0	0	0	3
10	Computer operator	0	0	0	0	0
11	Record keeper	0	0	0	0	0
12	Dietician	0	0	0	0	0
13	Safaiwalla	0	1	0	0	1

Source: Office of the Principal, S. J .N. Homeopathic College, Panjabari, Guwahati (2015)

\* Fix salary ₹ 5000 per month

\*\* Fix salary ₹ 6000 per month

\*\*\* Run by clerical staff

\*\*\*\* For Night duty

HMC# Hospital Management Committee