

## DEPARTMENT OF CARDIOLOGY

### INFRASTRUCTURE OF THE DEPARTMENT:

**a. OPD**

No of rooms: 02

**Area of each OPD room (add rows)**

	Area in M <sup>2</sup>
<b>Room 1</b>	33.45x32.41
<b>Room 2</b>	33.45x32.41

Waiting area: 88.45 M<sup>2</sup>

Space and arrangements: **Adequate**

**b. Wards                      16 Beds/I Unit**

No. of wards: 02

Parameters	Details
Distance between two cots (in meter)	Adequate
Ventilation	Adequate
Infrastructure and facilities	Adequate
Dressing and procedure room	Adequate

**c. Department office details:**

Department Office	
Department office	<b>Available</b>
Staff (Steno /Clerk)	<b>Available</b>
Computer and related office equipment	<b>Available</b>
Storage space for files	<b>Available</b>

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<b>Office Space for Teaching Faculty/residents</b>	
Faculty	<b>Available</b>
Head of the Department	<b>Available</b>
Professors	<b>Available</b>
Associate Professors	<b>Available</b>
Assistant Professor	<b>Available</b>
Senior residents rest room	<b>Available</b>
PG rest room	<b>Available</b>

**d. Seminar room**

Space and facility: Adequate  
 Internet facility: Adequate  
 Audiovisual equipment details: Adequate

**e. List of Department specific laboratories with important Equipment:**

<b>Name of Laboratory</b>		<b>Size in square meter</b>	<b>List of important equipment available with total numbers</b>
Cath lab	Exam room	6000mm(L) 5424mm(W) 3459mm(ht)	01
	Console room	5082mm(L) 3229mm(W) 3459mm (ht)	

**f. Intensive care Service provided by the Department: Cardiac Critical Care**

Type	Number of total beds
Intensive Coronary Care Unit-ICCU	03

**List of Major Equipment and their Numbers in ICCU**

Item	Number available	important specifications in brief
ICCU Beds: Mechanically or	03	Electrically operated table up/down tredelen burol lateral

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electronically operated along with air mattress		
<b>ICCU Ventilators integrated with humidifier</b>	<b>05</b>	<b>Both invasive &amp; non-invasive respiratory support modes such as A S SIMV NIV VCV PCV Etc.</b>
<b>Multiparameter (8 parameters) monitor:</b> ECG, NIBP, SpO <sub>2</sub> , IBP-1, IBP-2, ETCO <sub>2</sub> , Temp-1, Temp-2	<b>10</b>	<b>Records ACC the necessary parameters</b>
<b>No. of dedicated outlets</b> (There should be two oxygen, one medical air and two vacuum outlets per bed)	<b>40</b>	<b>02 Outlets</b> <b>40 Dedicated Outlets } 10 air outlets</b> <b>10 vacuum outlets</b>
<b>Syringe infusion pumps</b> (should be at least 3 per ICU bed)	<b>21</b>	<b>FRESENUIS</b>
<b>Patient warming device</b> (At least 1 per 2 ICU beds)	<b>2</b>	-

**Other Equipment required in the ICCU Facility**

<b>Item</b>	<b>Number available</b>	<b>important specifications in brief</b>
<b>Ultrasound machine color Doppler and echocardiogram facility</b> with 3 probes (curvilinear, linear, and phased array)	<b>01</b>	<b>2d. Doppler color I magma portable</b>
<b>Defibrillator</b>	<b>03</b>	<b>Energy levels:--360j</b>
<b>Patient warming device</b> (At least 1 per 2 ICU beds)	<b>5</b>	-
<b>Airway/Crash cart</b>	<b>04</b>	-
<b>Oxygen cylinder</b>	<b>15</b>	-

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<b>(B-type) with pressure regulator</b>		
<b>Patient transport trolley with 3 parameters monitor</b>	<b>03</b>	-
<b>Arterial Blood Gas Analyzer</b>	<b>01</b>	<b>Parameters Phexcessk Electrolytes (NAT, KT, CL)</b>
<b>Flexible Bronchoscope</b>	-	
<b>Facility for bedside Renal Replacement Therapy</b>	<b>YES</b>	<b>Treatment for kidney failure that filters blood</b>

**g. Equipment:**

<b>Name of the Equipment</b>	<b>Available/Not available</b>	<b>Important specifications in brief</b>
ECG Machines	<b>Available</b>	12 LEAD ECG With All Standard
Treadmills	<b>Available</b>	SPEED motor dower with emergency SOP
Echo Machines	<b>Available</b>	2D Doppler Color Flow Porthole ablation
Holter	<b>Available</b>	24-48 hr. –ECG recording
HUTT Test	-	-
EPS/RFA Equipment	<b>Available</b>	Catheter stim top mapping ablation
Portable X ray Machine	<b>Available</b>	Radiation o/P. (adjustable) high resolution
Computerized PFT	<b>Available</b>	Spirometry lung volume bronchial provocation testing
Defibrillators	<b>Available</b>	Energex levels 360j
Cath Labs	<b>Available</b>	Minimally invasive fluoroscopy
Crash Cart	<b>Available</b>	-
Ventilators	<b>Available</b>	Both inverse & non invaene mode
Pulse oximeters	<b>Available</b>	-----
Syringe pump	<b>Available</b>	Delivers Fluid Accuracy 5%
Temporary Pacemaker	<b>Available</b>	Short-term heart rate control modes :VVI, AAI, DDD (30+80BP)
Others		

**SERVICES:**

**i. Specialty clinics being run by the department and number of patients in each**

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Name of the clinic	Days on which held	Timings
Pacing clinic	Monday	09:00 to 01:00 03:00 to 05:00
Arrhythmia clinic	Wednesday	09:00 to 01:00 03:00 to 05:00
Heart failure clinic	Thursday	09:00 to 01:00 03:00 to 05:00
Combined clinic with CTVS department	Friday	09:00 to 01:00 03:00 to 05:00
Pediatric Cardiology Clinic	Thursday	09:00 to 01:00 03:00 to 05:00

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