B. J. MEDICAL COLLEGE, AHMEDABAD - 380016. (INDIA)

GOVERNMENT OF GUJARAT

सत्यमेव जयते

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No. :

Date :

10/09/2016

2018
10 SEP 2016

To.
The Secretary
Hon'ble Supreme Court Mandated Oversight Committee on MCI
2nd Floor, Academic Block, National Institute of Health and Family Welfare,
Munirka, New Delhi – 110067.

Subject: **As per public notice uploaded on the website of the Ministry of Health & Family welfare dated 29.08.16 on the direction dated 27.8.2016 of the Oversight Committee that all the approved colleges have to upload on their respective websites the status of compliance with MSRs in respect of faculty, infrastructure, clinical material, bed occupancy and other requirements on 10th September, 2016.**

Reference:

1. **Public Notice** of the Hon. Supreme Court of India. Mandate Oversight Committee dated **19/08/16** for medical college for academic year 2016-17 (Based on OC direction) Published on the website of Ministry of Health & Family Welfare, Government of India.
2. **Letter of Permission (LOP)** Ministry of Health & Family Welfare, Government of India **No. U-12012/14/2016/-ME-I dated 20/08/2016** u/s 10A of IMC act,1956-Reg.:

a) **regarding increase of seats** from 8 to 12 in **DM (Cardiology)** course for the academic year 2016-17 at B.J. Medical College, Ahmedabad.
b) **regarding increase of seats** from 3 to 6 in **DM (Cardiac Anaesthesiology)** course for the academic year 2016-17 at B.J. Medical College, Ahmedabad
c) **regarding increase of seats** from 3 to 6 in **MCh (CTVS)** course for the academic year 2016-17 at B.J. Medical College, Ahmedabad u/s

Respected Sir/Madam,

With reference to above, I have uploaded the details as above on the website of B.J. Medical College [www.bjmc.org] and website of B.J. Medical College {attached with U.N.Mehta Institute of Cardiology & Research Centre [www.unmicrc.org]}. I am also submitting the hard copy of same for your kind perusal and record. A copy of full set of documents was also sent at email id of Oversight Committee. Kindly acknowledge the receipt of the same.

With Warm Regards

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Annexure 1 - GENERAL INFORMATION

1. (A) Particulars of Head of the Teaching Institution: Dean

Dean: B.J. Medical College, Ahmedabad.

- Name : Dr. Bharat J. Shah
- Age : 59 Years
- PG Degree : MD, DA
- Year : 1983
- University : Gujarat University
- Institution : B.J. Medical College, Ahmedabad
- Total Teaching Experience : **34 Years 8 Months 21 Days**

Details of Teaching Experience, Dr. Bharat J. Shah, Dean

POST	INSTITUTE	PERIOD		TOTAL PERIOD
		FROM	TO	
Tutor in Anesthesia	B.J. Medical College, Ahmedabad	17/12/81	21/10/84	2 Years 10 Months 4 Days
Assistant Prof. in Anesthesia	B.J. Medical College, Ahmedabad	22/10/84	24/07/96	11 Years 9 Months 2 Days
Associate Prof. in Anesthesia	B.J. Medical College, Ahmedabad	25/07/96	24/07/01	5 Years
Professor in Anesthesia	B.J. Medical College, Ahmedabad	25/07/01	13/05/08	6 Years 9 Months 18 Days
Dean	B.J. Medical College, Ahmedabad	14/05/08	10/09/16	8 Years 3 Months 27 Days
Total Teaching Experience: 34 Years 8 Months 21 Days				

1. (B) General Information: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

1. **Name of Institution: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre) – 380 016**
   E-mail: unmicrc@gmail.com
   Website: www.unmicrc.org
   (U. N. Mehta Institute of Cardiology & Research Centre is accredited by NABH)

2. **Name of Affiliating University**: Gujarat University, Ahmedabad

B. J. Medical College, Ahmedabad.

3. Particulars of Administrative Head of the Institution
Director (Full Time): B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- Name : Dr. R.K. Patel
- Age : 65 Years
- PG Degree : MD
- Year : 1977
- University : Gujarat University
- Institution : B.J. Medical College, Ahmedabad
- Total Experience : **26 Years 4 Months 17 Days**

Details of Teaching experience, Dr. R. K. Patel

DEGREE	UNIVERSITY/INSTITUTION	YEAR OF PASSING
M.B.B.S.	Gujarat University	1973
M.D. (General Medicine)	Gujarat University	1977

Position	Name of Institute	From	To	Total Teaching Experience
Registrar in Medicine	B.J. Medical College & Civil Hospital, Ahmedabad, Gujarat, India	01/01/76	31/12/77	2 Years
Senior Registrar in General Medicine	B.J. Medical College & Civil Hospital, Ahmedabad, Gujarat, India	01/01/78	24/11/78	10 Months 23 Days
Hon. Asst. Prof. of Medicine	B.J. Medical College & Civil Hospital, Ahmedabad, Gujarat, India	25/11/78	13/08/82	3 Years 8 Months 19 Days
Hon. Associate Prof. of Medicine & Head of Unit.	B.J. Medical College & Civil Hospital, Ahmedabad, Gujarat, India	14/08/82	04/02/02	19 Years 7 Months 21 Days
Hon. Associate Prof. of Medicine & Director at UNMICRC	B.J. Medical College & Civil Hospital, Ahmedabad, Gujarat, India & B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre), Gujarat, India	05/02/02	14/04/08	6 Years 2 months 9 Days
Director (Full Time) (Administrative Head)	B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre), Gujarat, India	05/02/16	10/09/16	14 Years 7 Months 6 Days

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4. **Department:** Department Of Cardio Vascular and Thoracic surgery
(B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

5. **Particulars of Professor & HOD of Cardio Vascular and Thoracic surgery (B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)**

- Name : **Dr. Jagdish Chandra Mahadev Sinai Khandeparkar**
- Age : 64 Years
- PG Degree : M.Ch. (Thoracic Surgery)
- Year : April-1984
- University : University of Bombay
- Institution : Seth G.S. Medical College, Mumbai
- Total Teaching experience : **22 Years 8 Months 19 Days**

Details of Teaching experience (HOD)

Designation	Department	Name of Institution	From DD/MM/YY	To DD/MM/YY	Total Experience in years & months
Lecturer	Cardiovascular & Thoracic Surgery	KEM Hospital, Seth G.S. Medical College, Mumbai	02/07/84	08/05/87	2 Years 10 Months 6 Days
Reader	Cardiovascular & Thoracic Surgery	KEM Hospital, Seth G.S. Medical College, Mumbai	09/05/87	30/04/90	2 Years 11 Months 21 Days
Associate Professor	Cardiovascular & Thoracic Surgery	KEM Hospital, Seth G.S. Medical College, Mumbai	01/05/90	28/12/00	10 Years 7 Months 27 Days
Professor	Cardiovascular & Thoracic Surgery	KEM Hospital, Seth G.S. Medical College, Mumbai	29/12/00	31/07/06	5 Year 7 Months 2 Days
Professor	Cardiovascular & Thoracic Surgery	B J Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Center)	19/01/16	10/09/16	7 Months 23 Days
Total Teaching Experience: 22 Years 8 Months 19 Days					

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1. (C) INSTITUTION ACADEMIC COURSES:

1. **Sanctioned annual intake for UG by MCI.** : 250 Seats (B.J. Medical College, Ahmedabad)
2. **Departments running PG courses and their sanctioned intake by MCI: (B.J. Medical College)**

Sr. No.	Degree Course	Degree/Diploma recognized by MCI	Degree/Diploma permitted by MCI	Degree/Diploma not permitted/ not recognized by MCI
1	MD I Medicine	18	10	-
2	MD II Pathology	13	10	-
3	MD III Anatomy	5	3	-
4	MD IV Pharmacology	4	4	-
5	MD V Pediatrics	8	3	-
6	MD VI Anesthesia	32	12	-
7	MD VII Community Medicine	8	2	-
8	MD VIII Physiology	5	5	-
9	MD IX Radiodiagnosis	11	2	-
10	MD X Radiotherapy	2	2	-
11	MD XI Dermatology	5	1	-
12	MD XII Psychiatry	3	0	-
13	MD XIV T B & Chest	4	0	-
14	MD XV Forensic Medicine	3	2	-
15	MD XVI Microbiology	6	3	-
16	MD Biochemistry	0	3	-
17	MD IHBT	1	1	-
18	MD Emergency Medicine	0	2	
19	MS I Gen Surgery	18	6	-
20	MS II E N T	5	0	-
21	MS III Orthopedic	8	5	-
22	MS IV Ophthalmology	12	0	-
23	MS V Obs. & Gyn.	18	0	-
	Diploma			
1	D C P	12	0	-
2	D P H	3	0	-
3	D A	12	0	-
4	D G O	12	0	-
5	D L O	10	0	-
6	D O	12	0	-
7	D P M	6	0	-
8	D M R E	12	0	-
9	D T C D	12	0	-
10	D V D	3	0	-
11	D PAED	3	0	-
	Super specialty			
1	DM Cardiology	7	5	-
2	DM Cardiac Anesthesiology	0	6	-
3	DM Nephrology	2	2	-
4	DM Oncology	4	6	-
5	MCh Onco-Surgery	4	6	-
6	MCh Urology	2	2	-
7	MCh Neuro-Surgery	2	2	-
8	MCh Plastic-Surgery	2	2	-
9	MCh Pediatric-Surgery	1	2	
10	M.Ch Cardio Vascular Thoracic Surgery	0	6	

3. Institute running Super Specialty Medical Courses and their sanctioned intake by MCI: At B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

Sr. No.	Degree Course	Degree/Diploma recognized by MCI	Degree/Diploma permitted by MCI	Degree/Diploma not permitted/ not recognized by MCI
1	DM Cardiology	7	5	-
2	DM Cardiac Anesthesiology	0	6	-
3	M.Ch Cardio Vascular Thoracic Surgery	0	6	-

Note: (Seats for super specialty medical courses are filled on all India basis without donation)

❖ **<u>Special Information about Various Government Sponsored Free Cardiac Health Schemes at the institute:</u>**

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre) is accredited by NABH.

It is the only tertiary level health care institute in the whole state of Gujarat which is providing 24*7 cardiac health care including emergency related tertiary care **to all classes of cardiac patients particularly the poorest of poor patients.**

Institute is having **450 bed strength** capacity, **5 cardiac OTs (which includes one Paediatric cardiac OT), 4 Cardiac Cathlabs (which includes one Paediatric Cardiac Cathlab and one Hybrid Cathlab OT for Pediatric and Adult)**, 110 bedded ICCU and other required latest infrastructure facilities and highly technical medical equipment required for being a frontline modern cardiac care & super specialty teaching Institute.

The Institute is a **teaching, research, academic and unique charitable institution** and has been **entrusted by the Government of Gujarat to run all the state sponsored patient benevolent free cardiac treatment schemes as** mentioned below:-

a. **Unique Cardiac School Health Programme (Free)** whereby free of cost cardiac treatment is provided to aged 0-18 years of school going (Govt. & Private School) or non-school going children of Gujarat state. (Started in March 1999)
b. **Mukhyamantri Amrutam (MA) Yojna (Free)**, whereby indoor cardiac treatment is provided free to BPL card holders of Gujarat free of cost where annual coverage upto Rs. 2 Lacs for five members of family is considered if they have MA card, as per rural/urban development criteria decided by Government of Gujarat. (Started in June 2006)
c. **Mukhyamantri Amrutam (MA) Vatsalya Yojna (Free)**, whereby for any family having income of less than Rs. 1,20,000/- per annum, maximum 5 family members (Any new born child will be added as the sixth member) will get free cardiac treatment. (Started in August-2014)
d. **Schedule Caste Category Cardiac Patients (Free/Concession)** (Rural) whose income is less than Rs.47,000/-per year will be given 100% free Cardiac Treatment and those whose

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annual income is above Rs.47,000/- per year will be given cardiac treatment at 50% concessional rate. (Started in November 2014).

Schedule Caste Category Cardiac Patients **(Free/Concession)** (Urban) whose annual income is less than Rs.68,000/-per year will be given 100% free Cardiac Treatment and those whose annual income is above Rs.68,000/- per year will be given cardiac treatment at 50% concessional rate. (Started in November 2014)

e. **Schedule Tribe Category Cardiac Patients (Free)** where Schedule Tribe Cardiac Patients will get free Cardiac Treatment.

f. **Concessional Cardiac Treatment (LIG Category)**-50% Concession to LIG: Lower Income Group cardiac patients having family income less than Rs. 2 Lacs per annum. (Started in September 2012)

g. The above schemes not only cater to the patients of Gujarat State, but also provide free treatment to the patients from other states. In addition to this, the poor patients can avail additional relief through:
   - Chief Minister's Fund
   - Prime Minister's Fund
   - Fund for Landless Labourers
   - Funds for Construction Labourers

The figures in the following table indicate the quantum of patients who availed the benefit of the above schemes for the period April '15 to March '16:

Various Free/Concessional Cardiac Health Schemes entrusted by the Government of Gujarat	**Cardiac Procedures**	**Cardiac Surgeries**	**Cardiac Medical Treatment**
Cardiac School Health Programme (free)	835	1438	1434
Mukhyamantri Amrutam (MA) Yojna (free)	2467	619	1754
Mukhyamantri Amrutam (MA) Vatsalya Yojna (free)	5205	1566	NA
Schedule Caste Category Cardiac Patients (Free/Concessional)	699	175	473
Schedule Tribes Category Cardiac Patients (Started in April 2008)(free)	179	100	63
Concessional Cardiac Treatment (Other Category) 50% Concession	1611	232	1142
GRAND TOTAL	**9269**	**3894**	**3060**

h. Further, the patients not covered under any of the above schemes can avail cardiac treatment at very low cost in comparison to private cardiac hospitals under special packages of the institute.

i. The institute is also running a unique **Emergency Cardiac Treatment Scheme** (EMCS). Under this scheme, any patient admitted to medical ICCU for a cardiac treatment will be provided immediate **'Life Saving Treatment'** without any advance payment for **initial 24 hours**. During the **First golden critical hour** of cardiac emergencies like - **Acute**

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Myocardial Infarction, Thrombolysis / Primary Angioplasty with stent in Myocardial Infarction (PAMI) is very effective.

(This scheme can be extended for 2-3 days in special cases). The Institute charges only **15% cost of the stent for PAMI** in EMCS. The break-up of beneficiaries in last 3-4 years is as follows:

Year (APR - MAR)	Total EMCS Patient	EMCS Patient (Paid/LIG)	EMCS Patient (Free - BPL/SC/ST/SH)
2013-14	5479	3792	1660
2014-15	7722	5675	2014
2015-16	8502	6159	2350
2016-17 (APR-AUG)	4634	2997	1637

The **institute is running** DM Cardiology, DM Cardiac Anaesthesiology and MCh CTVS courses. The **admission to all the superspeciality teaching courses is based on all India merit basis without any donation.**

FUTURE PROJECTION FOR THIS INSTITUTE:

1. Construction of Expansion Project of B.J. Medical College attached with U.N.Mehta Institute of Cardiology & Research Centre as Phase II increasing the bed strength from 450 to 1000 beds (approx).

E-tender for the phase II has already been floated by Central Government agency on behalf of the institute and the work is likely to be completed within 12 months:

- **Heart Transplant Operation Theatre – 1**
- **Robotic Cardiac Operation Theatre – 1**
- Adult Cardiac New Operation Theatres – 7
- Paediatric Cardiac New Operation Theatres – 3
- Adult & Paediatric Cardiac Thoracic Recovery room – 50 each
- Paediatric Cardiac Cathlab – 1
- Hybrid Cardiac Cathlab with OT– 1
- Adult & Paediatric Surgical Intensive Cardiac Care Unit– 50 each
- Paediatric Intensive Cardiac Care Unit – 15
- Neonatal Intensive Cardiac Care Unit – 7
- Academic wing & 'State of Art' 400 seats capacity Auditorium
- General wards with all facilities (as per MCI norms)
- Cardiac Rehabilitation Department
- Administrative Offices & offices for teaching faculties as per MCI Norms

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Annexure-2 (Faculty Detail)

Department of Cardio Vascular Thoracic Surgery

B. J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

Unit Table

General Departmental facilities:

Total no. of beds in the Department: **60**
No. of Units in the Department: **03**
No. of Recognized PG Teachers: **06**
Eligibility for Seats: **8**

Unit	Name	Designation	Recognized PG teacher	Beds	Seat
1	**Dr. Jagdish Khandeparkar**	**Professor & HOD** in Cardio Vascular Thoracic Surgery	1	20	4
	Dr. Pranav Sharma	**Associate Professor** in Cardio Vascular Thoracic Surgery	1		
	Dr. Sudhir Adalti	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Kartik Patel	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Gaurang Shah	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Amber Malhotra	**Professor** in Cardio Vascular Thoracic Surgery	1		
	Dr. Vishal Agrawal	**Senior Resident** in Cardio Vascular Thoracic Surgery			
	Dr. Jaydeep Ramani	**Senior Resident** in Cardio Vascular Thoracic Surgery			
2	**Dr. Jignesh Kothari**	**Professor** in Cardio Vascular Thoracic Surgery	1	20	2
	Dr. Pankaj Garg	**Associate Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Chirag Doshi	**Associate Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Vivek Wadhawa	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Parth Solanki	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Amit Mishra	**Professor** in Cardio Vascular Thoracic Surgery (Pediatrics – in Dept. of CVTS)	1		
	Dr. Vaibhav Jain	**Senior Resident** in Cardio Vascular Thoracic Surgery			
3	**Dr. Arvind Bishnoi**	**Associate Professor** in Cardio Vascular Thoracic Surgery	1	20	2
	Dr. Anil Jain	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Manish Hinduja	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. C Ananthnarayan	**Assistant Professor** in Cardio Vascular Thoracic Surgery			
	Dr. Kumar Rahul	**Senior Resident** in Cardio Vascular Thoracic Surgery			

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 **Bed Strength - 20** **Recognised PG Teacher - 3**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
1	**Dr. Jagdish Chandra Mahadev Sinai Khandeparkar**	Professor & HOD in Cardio Vascular Thoracic Surgery	13-05-1952 64 Years	Full Time	**MBBS 1978**	Goa Medical College, Goa	University of Bombay	Recognised as PG Teacher on 21/01/2016 at Gujarat University
					MS (General Surgery) 1981	Goa Medical College, Goa	University of Bombay	
					M.Ch. (Thoracic Surgery) 1984	Seth G.S. Medical College, Mumbai	University of Bombay	
Total Teaching Experience: 22 Years 8 Months 18 Days								
Note: Experience & Research Publications Published for appoinment as per MCI Rules								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 **Bed Strength - 20** **Recognised PG Teacher - 3**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
2	Dr. Pranav Krishnagopal Sharma	Associate Professor in Cardio Vascular Thoracic Surgery	21-06-1980 36 Years	Full Time	MBBS 2002	Pramukh Swami Medical College, Karamsad	Sardar Patel University	Recognised as PG Teacher on 04/07/2016 at Gujarat University
					MS (General Surgery) 2007	B.J. Medical College, Ahmedabad	Gujarat University	
					M.Ch. (Cardio Vascular Thgoracic Surgery) 2010	All India Institute of Medical Sciences, New Delhi	All India Institute of Medical Sciences, New Delhi	
Total Teaching Experience : 8 Years 2 Month 9 Days								
Note: Experience & Research Publications Published for Promotion as per MCI Rules								

B. J. Medical College, Ahmedabad

Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 **Bed Strength - 20** **Recognised PG Teacher - 3**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
3	Dr. Sudhir Hiralal Adalti	Assistant Professor in Cardio Vascular Thoracic Surgery	04-01-1975 41 Years	Full Time	MBBS 1999	Netaji Subhash Chandra Bose Medical College, Jabalpur	Rani Durgavati Vishwa Vidhyalaya	
					MS (General Surgery) 2004	Rani Durgavati Vishwa Vidhyalaya, Jabalpur	Rani Durgavati Vishwa Vidhyalaya	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2008	Grant Medical College, Mumbai	Mumbai University	
Total Teaching Experience: 4 Years 5 Months 14 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 Bed Strength - 20 Recognised PG Teacher - 3

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
4	Dr. Kartikkumar Gunvantbhai Patel	Assistant Professor in Cardio Vascular Thoracic Surgery	16-09-1984 31 Years	Full Time	MBBS 2007	Gandhi Medical College, Bhopal	Barkatullah University, Bhopal	
					MS (General Surgery) 2010	Post Graduate Institute of Medical Education & Research, Chandigarh	Post Graduate Institute of Medical Education & Research, Chandigarh	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2014	All India Institute of Medical Sciences, New Delhi	All India Institute of Medical Sciences, New Delhi	
Total Teaching Experience: 4 Years 6 Months 29 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 Bed Strength - 20 Recognised PG Teacher - 3

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
5	Dr. Gaurang Bhanu Shah	Assistant Professor in Cardio Vascular Thoracic Surgery	12.04.69 47 years	Full Time	MBBS 1993	Grant Medical College, Mumbai	University of Mumbai	
					MS (General Surgery) 1996	Seth G.S. Medical College, Mumbai	University of Mumbai	
					M.Ch. (Thoracic Surgery) 2001	Topiwala National Medical College, Mumbai	University of Mumbai	
Total Teaching Experience: 3 Years 7 Months 22 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 **Bed Strength - 20** **Recognised PG Teacher - 3**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
6	**Dr. Amber Pramod Malhotra**	Professor in Cardio Vascular Thoracic Surgery	15-06-1974 42 Years	Full Time	**MBBS 1999**	Sheth G.S. Medical College, Mumbai	Mumbai University	Recognised as PG Teacher on 07/03/13 in Gujarat University
					MS (General Surgery) 2003	S.M.S. Medical College, Jaipur	Rajasthan University	
					M.Ch (Cardio Vascular Thoracic Surgery) 2007	All India Institute of Medical Sciences, New Delhi	All India Institute of Medical Sciences, New Delhi	
Total Teaching Experience : 12 Years 8 Days								
Note:Experience & Research Publications are Published for Appointment as per MCI Rules								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 Bed Strength - 20 Recognised PG Teacher - 3

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
7	Dr.Vishal Shrikumar Agrawal	Senior Resident in Cardio Vascular Thoracic Surgery	01-04-1984 32 Years	Full Time	MBBS 2007	Surat Municipal Institute of Medical Education & Research, Surat	Veer Narmad South Gujarat University, Surat	
					MS (General Surgery) 2012	Government Medical College, Surat	Veer Narmad South Gujarat University, Surat	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2015	Christian Medical College, Vellore	The Tamilnadu Dr. MGR Medical University	
Total Teaching Experience : 3 Years 3 Months 2 Days								

Note: Experience for appoinment as per MCI Rules

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 1 **Bed Strength - 20** **Recognised PG Teacher - 3**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
8	**Dr. Jaydip Arvindbhai Ramani**	Senior Resident in Cardio Vascular Thoracic Surgery	04-04-1986 30 Years	Full Time	**MBBS 2009**	B J Medical College, Ahmedabad	Gujarat University	
					MS (General Surgery) 2012	B J Medical College, Ahmedabad	Gujarat University	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2016	B J Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)	Gujarat University	
Total Teaching Experience : 3 Years 1 Months 26 Days								
Note: Experience for appoinment as per MCI Rules								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
1	**Dr. Jignesh Vijaykumar Kothari**	Professor in Cardio Vascular Thoracic Surgery	16-02-1969 47 Years	Full Time	**MBBS 1992**	SSG Medical College, Baroda	Maharaja Sayajirao University of Baroda	Recognised as PG Teacher on 07/03/13 in Gujarat University
					MS (General Surgery) 1995	SSG Medical College, Baroda	Maharaja Sayajirao University of Baroda	
					DNB (Cardio Vascular Thoracic Surgery) 2001	National Board of Examinations	National Board of Examinations	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2002	Sanjay Gandhi PG Institute of Medical Sciences, Lucknow	Deemed University, UP	
Total Teaching Experience: 16 Years 2 Months 4 Days								
Note:Experience & Research Publications are Published for Promotion as per MCI Rules								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
2	Dr. Pankaj Dharampal Garg	Associate Professor in Cardio Vascular Thoracic Surgery	27-03-1977 39 Years	Full Time	MBBS 1999	Government Medical College, Chandigarh	Punjab University	
					MS (General Surgery) 2005	Post Graduate Institute of Medical Education & Research, Chandigarh	Post Graduate Institute of Medical Education & Research, Chandigarh	
					M.Ch (Cardio Vascular Thoracic Surgery) 2009	All India Institute of Medical Sciences New Delhi	All India Institute of Medical Sciences New Delhi	
Total Teaching Experience : 8 Years 4 Months								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
3	Dr. Chirag Pravin chandra Doshi	Associate Professor in Cardio Vascular Thoracic Surgery	29-10-1974 41 Years	Full Time	MBBS - 1996	Smt. N. H. L. M. Medical College, Ahmedabad	Gujarat University	
					MS (General Surgery) 2000	Smt. N. H. L. M. Medical College, Ahmedabad	Gujarat University	
					M.Ch (Thoracic Surgery) 2003	Topiwala National Medical College, Mumbai	Mumbai University	
Total Teaching Experience: 8 Years 7 Months 18 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
4	Dr. Vivek Ashokachandra Wadhawa	Assistant Professor in Cardio Vascular Thoracic Surgery	10-12-1980 35 Years	Full Time	MBBS 2005	Pandit Ravishankar Shukla Vishwa-vidhyala, Raipur	Pandit Ravishankar Shukla Vishwa-vidhyala, Raipur	
					MS (General Surgery) 2010	Maulana Azad Medical College, New Delhi	Delhi University	
					M.Ch (Cardio Vascular Thoracic Surgery) 2013	Post-Graduate Institute of Medical Education & Research, Chandigarh	Post-Graduate Institute of Medical Education & Research, Chandigarh	
Total Teaching Experience : 5 Years 8 Months 4 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
5	Dr. Parth Bharat Solanki	Assistant Professor in Cardio Vascular Thoracic Surgery	18-03-1984 32 Years	Full Time	MBBS 2007	Government Medical College, Surat	Veer Narmad South Gujarat University	
					MS (General Surgery) 2011	M. P. Shah Medical College, Jamnagar	Saurashtra University	
					M.Ch (Cardio Vascular Thoracic Surgery) 2015	Smt. N.H.L.M. Medical College, Ahmedabad	Gujarat University	
Total Teaching Experience : 3 Years 10 Months 29 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
6	Dr. Amit Anantbhai Mishra	Professor in Cardio Vascular Thoracic Surgery (Pediatrics) in Department of CVTS)	20-03-1968 48 Years	Full Time	MBBS 1992	Gajra Raja Medical College, Gwalior, Madhya Pradesh	Jiwaji University	Recognised as PG Teacher on 07/03/2013 in Gujarat University
					MS (General Surgery) 1998	Mahatma Gandhi Memorial Medical College, Indore	Devi Ahilya Vishwa Vidyalaya	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2002	Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvanantpuram	Statutory Autonomous, Kerala	
					Post Doctoral Fellowship in Paediatric Cardiac Surgery- 2004	Narayana Hrudyalaya Institute of Cardiac Sciences Banglore, Karnataka	Rajiv Gandhi University of Health Sciences, Banglore	
					Fellowship in Paediatric Cardiac Surgery 2006	Pediatric Cardio Surgery Foundation & Rajavithi Hospital Bangkok, Thailand	Rajvithi Institute of Cardio Vascular Disease, Thailand	
Total Teaching Experience: 13 Years 4 Months 11 Days								
Note:Experience & Research Publications are Published for Promotion as per MCI Rules								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 2 **Bed Strength - 20** **Recognised PG Teacher - 2**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
7	Dr. Vaibhav Jain	Senior Resident in Cardio Vascular Thoracic Surgery	04-12-1981 34 Years	Full Time	MBBS 2007	A.C.P.M , Medical College, Dhule	Maharashtra University of Health Sciences, Nashik	
					MS (General Surgery) 2012	A.C.P.M , Medical College, Dhule	Maharashtra University of Health Sciences, Nashik	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2015	King George's Medical University, Lucknow	King George's Medical University, Lucknow	
	Total Teaching Experience: 3 Years 6 Months 3 Days							

Note:Experience for Appointment as per MCI Rules

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 3 **Bed Strength - 20** **Recognised PG Teacher - 1**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
1	**Dr. Arvind kumar Subhash Chander Bishnoi**	Associate Professor in Cardio Vascular Thoracic Surgery	26-04-1979 37 Years	Full Time	**MBBS 2000**	Kasturba Medical College, Karnataka	Manipal Academy of Higher Education (Deemed University)	Recognised as PG Teacher on 19/01/2016 in Gujarat University
					MS (General Surgery) 2005	M.P. Shah Medical College, Jamnagar	Saurashtra University	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2008	All India Institute of Medical Sciences, New Delhi	AIIMS, New Delhi	

Total Teaching Experience: 8 Years 7 Months 25 Days

Note: Experience & Research Publications are Published for Promotion as per MCI Rules

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 3 **Bed Strength - 20** **Recognised PG Teacher - 1**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
2	**Dr. Anil Suganchand Jain**	Assistant Professor in Cardio Vascular Thoracic Surgery	18-12-1978 37 Years	Full Time	**MBBS 2002**	Mahatma Gandhi Memorial Medical College, Indore	Devi Ahilya Vishwavidyalaya, Indore	
					MS (General Surgery) 2007	Topiwala National Medical College, Mumbai	University of Mumbai	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2010	Seth G. S Medical College, Mumbai	Maharashtra University of Health Sciences, Nashik	
Total Teaching Experience: 5 Years 8 Months 23 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 3 **Bed Strength - 20** **Recognised PG Teacher - 1**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
3	**Dr. Manish Kumar Hinduja**	Assistant Professor in Cardio Vascular Thoracic Surgery	31-07-1984 32 Years	Full Time	**MBBS 2006**	Shri B. M. Patil Medical College, Bijapur	Rajiv Gandhi University of Health Sciences, Bangalore	
					MS (General Surgery) 2010	Post- Graduate Institute of Medical Education & Research, Chandigarh	Post- Graduate Institute of Medical Education & Research, Chandigarh	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2013	Post- Graduate Institute of Medical Education & Research, Chandigarh	Post- Graduate Institute of Medical Education & Research, Chandigarh	
Total Teaching Experience: 5 Years 8 Months 4 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 3 | Bed Strength - 20 | Recognised PG Teacher - 1

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
4	Dr. C. Ananthanarayanan	Assistant Professor in Cardio Vascular Thoracic Surgery	07-09-1981 34 Years	Full Time	MBBS 2004	The Tamilnadu Dr. M.G.R Medical University	The Tamilnadu Dr. M.G.R Medical University	
					MS (General Surgery) 2010	Lokmanya Tilak Municipal Medical College, Mumbai	Maharshtra University of Health Sciences, Nashik	
					M.Ch. (Cardio Vascular Thoracic Surgery) 2014	Sree Chitra Tirunal Institute For Medical Sciences and Technology, Trivendrum	Thiruvananthapuram University	
Total Teaching Experience: 4 Years 6 Months 26 Days								

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Annexure-2
Unit wise Teaching Experience
Department of Cardio Vascular Thoracic Surgery

UNIT - 3 **Bed Strength - 20** **Recognised PG Teacher - 1**

No.	Name	Designation	Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			Recognition status as PG teacher in affiliated University
					Subject with Year of passing	Institution	University	
5	**Dr. Kumar Rahul**	Senior Resident in Cardio Vascular Thoracic Surgery	25-01-1982 34 Years	Full Time	**MBBS 2007**	Kasturba Medical College, Manipal	Manipal Academy of Higher Education	
					MS (General Surgery) 2012	King George's Medical University, Lucknow	King George's Medical University, Lucknow	
					M.Ch (Cardio Vascular Thoracic Surgery) 2015	Gandhi Memorial Hospital, Attached to King George's Medical University, Lucknow	King George's Medical University, Lucknow	
Total Teaching Experience : 3 Years 3 Months 1 Day								
Note: Experience for appoinment as per MCI Rules								

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Annexure – 3 Infrastructure

1. Department wise bed strength in the Hospital(s) owned and managed by the Institute. (B.J. Medical College):

Total No. of beds = 2000 beds

Sr. No.	Subjects / Specialties	No. of teaching Beds	No. of units	Average bed occupancy / day (percentage of Teaching beds)
Medicine & allied Specialties				
1	General Medicine	363	10	
2	Gastrology	-	1	
3	Neurology	32	1	
4	Urology	26	1	
5	Pediatrics	215	5	
6	Neonatal	25	1	
7	Skin & VD & STD	30	2	
8	TB & Chest	110	2	
9	Psychiatry	30	2	
	Total	**831**	25	
Surgery & Allied Specialties				
1	General Surgery	301	10	
2	Gastro Surgery	10	1	
3	Cardio Surgery	12	1	
4	Neuro Surgery	30	1	
5	Pediatric Surgery	30	1	Over all 93%
6	Plastic Surgery	50	1	
7	Burns	34	1	
8	Orthopedics	166	6	
9	E N T	46	3	
	Total	**679**	25	
Obstetrics & ANC Gynecology		**282**	6	
Miscellaneous				
1	All ICUs	35	-	
2	Trauma Centre	80	-	
3	Emergency	6	2	
4	Drug Addicts	15	-	
5	Prisoners	10	-	
6	Ayurveda	--	1	
7	Homeopathy	--	1	
8	Special rooms	62	-	
	Total	**208**	-	
	Grand Total	**2000**	60	

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2. Department wise bed strength in the Hospital owned and managed by the Institute.

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

Department	Wards	Beds		Total Beds
		M	F	
Cardiology Department	Cardiology Ward 1		24	24
	Cardiology Ward 2	36		36
	Cardiology Ward 3	20	16	36
	Total	**56**	**40**	**96**
Cardiology Department	Cardiology Ward (Pediatric)			**14**
		M	**F**	**Total Beds**
Cardio Vascular Thoracic Surgery Department	Cardio Vascular Thoracic Surgery Ward-1	30		30
	Cardio Vascular Thoracic Surgery Ward-2	14	16	30
	Cardio Vascular Thoracic Surgery Ward-3	14	12	26
Cardio Vascular Thoracic Surgery Department	Cardio Vascular Thoracic Surgery Ward (Pediatric)			26
	Total	**58**	**28**	**112**
Cardiac Anesthesia Department	Same as Cardio Vascular Thoracic Surgery and Critical Beds			
	Medical Intensive Care Unit (MICU)			33
	Pediatric Intensive Care Unit (PICU)			10
	Neonatal Intensive Care Unit (NICU)			05
	Cardiothoracic Recovery Room (CTRR)- Adult			32
	Cardiothoracic Recovery Room (CTRR)- Pediatric			20
	SICU (Adult + Pediatric)			28
	Preparation Room – OT Complex			06

- **Total No. of beds of institute: Sanctioned Beds-** 450 & **Operational Beds-** 406
- **Rooms according to the MCI requirements:**

Sr. No	Facility	Availability in each Ward
1	Nurses Duty Room/Nursing Station	Yes
2	Examination and Treatment Room	Yes
3	Ward Pantry	Yes
4	Store room for linen and other equipment	Yes
5	Resident Doctors and students Duty Room	Yes
6	Clinical Demonstration Room	Yes

TOTAL BED STRENGTH OF INSTITUTE (406)				
New Building	**Beds**	**Old Building**	**Beds**	**Total**
Casualty	05	Cardio Vascular Thoracic Surgery Ward- 1	30	
Medical Intensive Care Unit (MICU)	33	Cardio Vascular Thoracic Surgery Ward- 2	30	
Pediatric Intensive Care Unit (PICU)	10	Cardio Vascular Thoracic Surgery Ward - 3	26	
Neonatal Intensive Care Unit (NICU)	05	Cardio Vascular Thoracic Surgery Ward- 4 (Post-operative ward)	28	
Cardio Thoracic Recovery Room – Adult	32	Cardiology Ward (Pediatric)	14	
Cardio Thoracic Recovery Room – Pediatric	20	General Cardiology Ward	27	
Preparation Room OT Complex	06	Cardio Vascular Thoracic Surgery Ward (Pediatric)	26	
Cardiology ward 1 (A,B)	24			
Cardiology ward 2 (A,B,C)	36			
Cardiology ward 3 (A,B,C,D,E,F,G)	36			
Special Rooms	18			
Total	**225**		**181**	**406**

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3. Central Library: (B.J. Medical College)

- Total No. of Books : 22415
- No. of Cardiology Books : 173 (Text Books: 103 & Reference Books: 70)
- Total No. of E-Books : 3569
- No. of Cardiology E-Books : 173 : (Jaypee – 76 & Springer – 97)

Purchase of Total editions in last 3 years:

No.	Year	No. of Books	Cost
1	2012-13	1774 (ST Books) 0921 (Ref. Books)	09,72,644 11,69,433
2	2013-14	939 (ST Books) 0669 (Ref. Bbook)	04,47,055 13,01,000
3	2014-15	1276 (ST Books)	06,31,291

- **Journals (Bound vol.)** : 15165 (Cardiology – 08 Title)
- **E-Journals** : 39
- **Print Journals** : 39 (All National)
- **Year/month up to which Indian Journals available** : Dec. 2016
- **Year/ month up to which foreign journals available** : Dec. 2016
- **Internet /Medlar/ Photocopy facilities available** : Yes
- **Library opening timings** : Monday to Friday (09:00 am to 05:00 pm) Saturday (09:00 am to 01:00 pm)
- **Reading facility out of routine library hours** : Available
  (Library reading rooms open for 360 days a year) :08:00 am to 02:00 am
- **Library staff:**

No.	Designation	Names employers	Qualification
1	Librarian	Mrs. R.P. Khatri	MA, BLib Sc, DCO
		Mr. R.S. Khetra	MA, LLB, M. LISc, DCO
2	Dy. Librarian	Mrs. Dimple Damore	M. LISc
3	Library Assistants	Ms. Thakore Uma U Ms. Hansa Kansare	1.Diploma in Library Science 2.M.LISc
4	Clerk	Mr. Yogesh Makwana	B. Com
5	Peons	Shri Himmatbhai Parmar Shri S.M. Mekawan Shri Y.M. Mekawa Shri Natavar Makwana	

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4. Departmental Library:

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Center)

- **Total No. of Books** : 1466
- **Total No. of Books of CVTS** : 268
- **Total No. of E-Books of CVTS** : 15
- **Purchase of latest editions in last 3 years for CVTS** : 134 books & journals:

Year	No. of Journals purchased
2013	11
2014	14
2015	15
2016	15

- **Journals of CVTS** : 15
  - Indian: 01
  - Foreign: 14
- **Total No. of E-Journals of CVTS** : 15
- **Year/month up to which Indian Journals available** : Till Date
- **Year/ month up to which foreign journals available** : Till Date
- **Internet /Medlar/ Photocopy facilities available** : Yes
- **Library opening timings** : 09:00 am to 06:00 pm
- **Reading facility out of routine library hours** : 24 hours
- **Library staff**

No.	Designation	Names of employee	Qualification
1	Librarian	Mr. Hiren A. Solanki	B.A., MLISc, PhD. Continue

5. Lecture theatres (give type & seating capacity of each): (B.J. Medical College)

		College	Hospital
Number	:	7	9
Type-Gallery	:	6	1
Level	:	1	8

Seating Capacity

In College: 300 (6 theatres), 700 (1 theatre)

In Hospital: 382 (1 theatre, Cama Hall), 200 (1 theatre - Paraplegia Hospital)
150 (2 theatres - TB Hospital, 1 Cardiology)
100 (6 theatres - 1 Kidney, 1 Cancer & 3 Paraplegia Hospital)

Auditorium : Available

Examination Hall : Available More than 2000 sq. m.

6. Lecture theatres (give type & seating capacity of each): B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- **Central Lecture Theatre**: One, with modern Audio-Visual aids
  Seating Capacity: 150

- **3 Departmental Seminar Rooms:** All seminar rooms are equipped with overhead projector and laptop with 40 seat capacity
- **Audiovisual Aids**: Adequate

7. Hostel facilities :(B.J. Medical College)

(a) Layout : There are total 4 hostels : 3 boys hostels and 1 girls hostel
(b) Distance from the College & Hospital : Walking distance (In the campus) 0.5km

Accommodation (No. of rooms) available for

		No. of Rooms
For U.G. students	Boys	491
	Girls	132
For Interns	Separate	
For P.G. students	350 Rooms (Total 7 blocks, 3 blocks under construction)	

8. Hostel facilities: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- **Distance from the College & Hospital** : Walking distance (In the campus) 0.5km
- **Accommodation (No. of rooms) available for P.G. Medical Super Specialty Residents**

For P.G. Medical Super Specialty Residents • DM - Cardiology • MCh - Cardio Vascular Thoracic Surgery • DM – Cardiac Anesthesiology	**44 Rooms available at "O" Block, B.J. Medical College Hostel, at B.J. Medical Campus, Civil Hospital Ahmedabad.**

- 6 Rooms available in the Hospital building for Super specialty Residents and Senior Residents for Emergency Duties.
- New Hostel Block, with 140 Rooms, is part of new expansion project of the hospital which will be completed in 12 months time.

9. Residential staff quarters: (B.J. Medical College)

All the residential quarters are to be demolished (New residential Quarters for all the categories in sufficient numbers would be constructed)

(a) Categories : Class I to Class IV
(b) Number : Adequate
(c) Percentage of Staff accommodated in each category : 80%

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10. Residential Staff Quarters:

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- 20 Residential Staff Quarters for all the categories in sufficient numbers are allotted at "Mithila – 3", Civil Hospital Residential Staff Quarters, Opp. TATA Nagar, Asarwa, Ahmedabad.
- New 38 Residential Staff Quarters as a part of new expansion project of the hospital will be constructed in approximately 12 months time.
- Percentage of staff accommodated: 20 %

11. CENTRAL PHOTOGRAPHIC CUM AUDIO-VISUAL UNIT: (B.J. Medical College)

(a) Staff Detail:

Staff	**No.**
Photographer	On Contract
Artist	One
Modeler	One
Dark Room Assistant	One
Audio-Visual Technician	One
Store Keeper Clerk	One
Attendees	One

(b) Equipment (In each section)

Camera	Nikon- SLR
	Cosina- SLR
	Practice- SLR
	Microphotography Camera
	Enlarger
	Flash gun
Projector	Overhead projector
	Slide projector (CCTV)
	Transparencies
	Artist Materials

(c) Type of Control : Photography unit by **Pathology** department and Artist by **Community Medicine department**

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12. Department of Illustration/Photography (Artist, Modeler, Photographer)
B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

CENTRAL PHOTOGRAPHIC CUM AUDIO-VISUAL UNIT			
(a)	**STAFF**	**NAME**	**NO.**
	Chief Art Manager	Mr. Kirtan Patel	One
	Photographer	Mr. Mahesh Patel	One
	Photographer (Jr.)	Mr. Piyush Solanki	One
	Cameraman (Jr.)	Mr. Nikunj Solanki	One
	Assistant Artist	Mr. Ashish Patel	One
	DTP Operator	Mr. Ketan Panchal	One
	CCTV Technician	Mr. Vivek Patel	One
		Mr. Mitul Badmaliya	One
	Patient Attendant	Mr. Anand Parmar	One
		Mr. Rutvik Dataniya	One
(b)	**Equipment (In Each Section)**		
	Photographic		
	Camera	Sony Digital Camera DSc –R1 with kit	One
		Nikon D-90 with kit	One
		Nikon D-7100 with kit	One
		Nikon V1 with kit	Two
	Video camera	Sony Handycam DCR SC- 96E	One
		Sony HD PMW 150 with kit	One
		Sony PJ380 with kit	One
	Computer	Graphic Computer	Four
		Laptop	Two
	Scanner	Canon DR-F 120	One
	Printer	Colour HP Laser Jet Pro 200	One
		Colour Photo Printer Epson L 110	One
		Black White Brother 5350DN	One

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	Television	Colour TV 14"	Two
	Camera Stand	Special Over Hang	One
		Tripod	One
	Screen	Screen For Projection	One
	Audio Mixer	Studio master Air 12	One
	Audio Amplifier	Ahuja TZA4000DP	One
	Speaker	Ahuja SRX 120DX Speaker with Stand	Four
	Mike	Cordless Hand Mike AKG	Four
		Cordless Collar Mike AKG	One
		Podium Mike With Stand Ahuja GM601L/M & GMB-6C	Three
CCTV			
	CCTV Camera	Day & Night Speed Dome Camera with outdoor Housing	Eight
		Micro Dome CCTV Color Camera	Twenty Eight
		Very-Focal Dome Camera	Seventeen
		Outdoor Night Vision Camera	One Hundred Five
		High Resolution Color Box Camera	Nine
		Indoor Night Vision Camera	One Hundred Five
	DVR	Industrial Professional DVR – 16CH	Five
		Standalone DVR-16CH	Eleven
		Standalone DVR-8CH	One
		Standalone DVR-4CH	Two
	LCD/ LED Monitor	Monitor 25" LCD/TFT	One
		Monitor 32" LCD/TFT	One
		Monitor 32" LED/TFT	Three
		Monitor 50" LED/TFT	Three
		Monitor 17" LCD/TFT	Six
		Monitor 14.5" LCD/TFT	Four
	Keyboard Controller	Keyboard Controller 3 Axis CP Plus	Two

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	KVM Switch	16 Port USB PS / 2 KVM Switch ATEN	One
	Rack	42 U Elixir Rack	One
	Printer	Black White HP 1020	One
	Computer	HP Desktop Computer	One

13. Emergency Medicine/Casualty Department (B.J. Medical College)

- **Available Space**: Adequate. Total built up area – 3419 sq. mt.
  New building under construction-4203 sq. mt. on each floor
- **No. of beds:** 80
- **Equipment in Emergency/ Casualty Department**

Sr. No.	Name of Instrument	Quantity
1	A E D	5
2	ABG machine	1
3	Ambu bag	48
4	Anesthesia Trolley	2
5	Bainz circuit	10
6	Bi PAP portable	1
7	Bougie	2
8	BP machine standing	2
9	BP machine portable	10
10	Cardiac enzyme analyzer	2
11	Coagulation check monitor	1
12	Cautery	7
13	Central nursing station	6
14	Cervical collar- Philadelphia	5
15	Cobra light	2
16	Combi tube	1
17	Cricothyroidotomy set	5
18	Defibrillator	12
19	E.C.G. machine	9
20	ETO machine	1

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21	Fiber optic bronchoscope	1
22	Fiber optic head lights	3
23	Fiber optic laryngoscope	1
24	Fundoscope	1
25	Glucometer	12
26	Harmonic scalpel	1
27	I- Gel	10
28	I.I.T.V.	3
29	Infusion pump	10
30	Laminar flow machine	1
31	Laproscope unit	1
32	Laryngoscope	35
33	LMA C Trach	1
34	MANMAN Drill	1
35	Nebulizers	1
36	Needle burner	7
37	Otoscope	2
38	Oxygen concentrator	2
39	Patient warmer	3
40	Patient warmer blanket	5
41	Percutaneous tracheotomy set	5
42	Portable X ray machine	1
43	Portable Ventilator	3
44	Pulse oximeter	24
45	Simulators	13
46	Slit lamp	
47	Sonography: Portable & Static	2
48	Spine boards	1
49	Syringe pump	32
50	Trupti blade	2

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51	Vacuum Suction Machine	5
52	Ventilator	38
53	Vital sign monitor	59
54	Weighing machine	4
55	Woods lamp	1
56	X ray View Box	5

- **Available staff (Medical/Paramedical)**

List of Medical Staff in Emergency Medicine Department		
No.	**Designation**	**Number**
1	Professor	2
2	Associate Professor	1
3	Assistant Professor	4
4	Resident Doctors	6
5	Emergency Medical Officers	41
Paramedical Staff in Emergency Medicine Department		
1	Nurses	152
2	Technicians	84
3	Clerical Staff	2
4	Class D Employees	9
5	Security Staff	22

- **No. of cases** (Average daily attendance of patients): 276
- **Investigative facilities available** (round the clock): Yes
  - ECG
  - X-Ray
  - Ultrasonography
  - CT Scan, MRI
  - CBC, RBS, ABG analysis, Troponin, PT, D-dimer etc.
- **Facilities available**

  Resuscitation services facilities:-

  - Oxygen supply : Yes
  - Ventilators : Yes
  - Defibrillator : Yes
  - Fully equipped Adult and Pediatric Intensive Care units : Yes
  - Fully equipped disaster trolleys : Yes

  Supportive Facilities:-

  - Ambulance service: **Yes** Number- **9** Ambulance vans & **2** Dead body vans
  - Police Station
  - CCTV Supervision
  - Public Relation Officer
  - Phone call facility
  - Disaster Preparedness and Control room
  - Fire Safety
  - Volunteer
  - Generator facility
  - Cold storage and PM room
- **Operation theatre: Yes,** 4 Well Equipped Operation Theaters
- **Facilities for medico-legal examination exist:** Yes

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14. Emergency/Casualty Department: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- **Available Space** : Adequate (750 sq.mt)
- **No. of beds** : **Total – 53 beds**
  Casualty – 5

  Medical Intensive Cardiac Care Unit – 33

  Pediatric Intensive Cardiac Care Unit – 10

  Neonatal Intensive Cardiac Care Unit - 5

Investigative facilities available (Round the clock).

- **Pathology:**
  CPK-MB, Troponin – I Quantitative (Cardiac Biomarkers), BNP, hs-CRP, Trop - T if required and all routine blood investigations
- **Radiology & Radio-Imaging:**
  X-ray Chest, CT scan, Ultrasonography, Doppler Study, CT Coronary Angiography (if required)
- **Non-Interventional Cardiac Testing:**
  ECG, 2D-Echo, Holter with pulse and BP monitoring, if required.

Interventional and other facilities in emergency department:

- Plain Only Balloon Angioplasty (POBA)
- Primary Angioplasty with stenting in Myocardial Infarction (PAMI)
- Emergency CABG – Critical LMCA disease
- Aortic Dissection Surgery
- Emergency Peripheral Embolectomy
- Intra-Aortic Balloon Pump (IABP)
- Oxygen / Ventilation
- Fibrinolytic Therapy, Nitroglycerine, Statins, Antiplatelet agents, Anti-Hypertensive drugs, Drugs for Diabetes, other lifesaving cardiac treatment
- Emergency pericardial tapping
- Temporary Pacemaker (TPI)
- Drug Therapy: Low Molecular Weight Heparin, GPIIaIIIb Inhibitors (Aggramed)
- Tissue Plasminogen Activator (TPA), if required
- Defibrillation for cardiac stimulation (DC)
- Non cardiac treatment, if required

Facilities available

- 3 Cardiac Cath. Labs, 1 Hybrid Cardiac Cath. Lab with OT,
- 5 CTOT, Medical Intensive Cardiac Care Unit, Pediatric Intensive Cardiac Care Unit, Neonatal Intensive Cardiac Care Unit, Post-Operative Recovery Room for Adult & Pediatric,
- Post Cath. ICU are equipped with Cardiac Monitors,
- Pulse oximeters, Defibrillators and Ventilators.

ECMO – Extra Corporeal Membrane Oxygenation System
Autologous Blood Transfusion system

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Equipment:

Medical Intensive Cardiac Care Unit – MICCU:

No.	Equipment	Quantity
1	**Low End Multipara Monitor:**	
	PHILIPS (Model MP 20) with Central station & 5 lead ECG, Spo2, Temperature, Invasive and non-Invasive BP etc.	35 +
	GE (Model: Pro 1000)	5(Casualty)
2	**Low End Ventilator**: Drager (Model: Savina)	10
3	**High End Ventilator:** GE (Model: EV Care)	2
4	**Syringe Pump**: FRESENIUS Kabi (Model: Injectomate Ajilia)	100
5	**Biphasic Defibrillator With External Paddle With (Adult & Pediatric)**:	6
	: Philips (Model: Heart Start XL / XL Plus)	4
	: Medtronic (Model: Life pack 20)	2
6	**Patient Warming System** : Gaymer (Model: TC3003)	2
7	**Pulse Oxymeter:** SCHILLER (Argus Oxiom)	1
8	**Single Channel Temporary Pacemaker**	2
	Medtronic (Model: 5348)	1
	Biotronic (Model: EDP 20 B)	1
9	**Intra-Aortic Balloon Pump**: Arrow (Model: Auto cat 2)	3
10	**12 Lead ECG Machine:** GE (MAC 1200)	4
11	**Hand Held Ultrasound Machine: V-scan**	1
12	**Hemo Dialysis Machine:** FRESENIUS (Model: 4008S)	1

Pediatric Intensive Cardiac Care Unit - PICCU:

No.	Equipment	Quantity
1	**Low End Multipara Monitor** :	10
	Philips (Model MP 20) with Central station & 5 lead ECG, Spo2, Temperature, Invasive and non-Invasive BP etc.	
2	**High End Ventilator**: GE (Model: EV Care)	5

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3	**Syringe Pump:** Fresenius Kabi (Model: Injectomate ajilia)	48
4	**Biphasic Defibrillator With External Paddle:** Philips (Model: Heart Start XL)	1
5	**Pulse Oxymeter** : Schiller	1
	: GE (BIOX 3800)	1
6	**Portable Phototherapy Unit Upper Surface**	1
7	**12 Lead ECG Machine :** GE (MAC 1200)	1
8	**Patient Warming System** : Gaymer (Model: TC3003)	1

Neonatal Intensive Cardiac Care Unit – NICCU

No.	Equipment	Quantity
1	**Low End Multipara Monitor:**	**5**
	Philips (Model MP 20) with Central station & 5 lead ECG, Spo2, Temperature, Invasive and non-Invasive BP etc.	
2	**Baby Warmer : Zeal**	**7**
	: Geltron	
3	**High End Ventilator:** GE (Model: EV Care)	**5**
4	**Portable Phototherapy Unit Lower Surface**	**2**

- **Available staff**: (Medical/Paramedical)

List of Medical Staff in Emergency Medical Cardiac Services (EMCS) Department (Round the Clock)		
No.	**Designation**	**Number**
1	Professor	1
2	Associate Professors	2
3	Assistant Professors	2
4	DM Resident Doctors	5
5	Pediatricians	3
Paramedical Staff in Emergency Medicine Department (Round the Clock)		
1	Nurses	35
2	Technicians	6
3	Clerical Staff	3
4	Class IV Employees (Housekeeping and utility)	10
5	Security Staff	4

- **Paramedical: Round the clock Staff:**
  - MICU: 2 Sister In charges, 22 Staff Nurses
  - NICU / PICU: 2 Sister In charges, 9 Staff Nurses
- **No. of cases** (Average daily attendance of patients) : EMCS – 45

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15. Blood Bank (B.J. Medical College & Civil Hospital)

- Valid License : Yes, No. GB-791/20-5-17
- No. of blood units available : 800-1000 Units per day
- Average blood units consumed daily : 200 to 250 Units per day
- Facilities of blood components available : Yes
- Nature of Blood storage facilities (Whether as per specifications) : Yes

- Storage capacity for Red Cells (4C Refrigerator) : Yes
- Storage capacity for FFP/ Platelets (-30C)/ (22C) : 7 nos. / 3 nos.
- Storage capacity for FFP (-80 C) : 1 nos.
- All blood Units tested for Hepatitis C&B, HIV, Syphilis & Malaria : Yes

Facilities:

- Component separation area
- Deep Freeze for FFP & CPP Storage
- Apheresis Machine – Cell Separator
- Blood Grouping, Cross matching and Antibody Screening
- Fully Automatic Component Extractor
- Transfusion Transmitted Infection Testing Lab
- Donor Phlebotomy Area

Particulars	2013 (Jan – Dec)	2014 (Jan – Dec)	2015 (Jan – Dec)	2016 (Jan – Aug)	Average Per Month
Whole Blood	424	1326	1975	785	98
Packed Cell Volume	7829	9295	11120	8178	1022
W.B. + P.C.V. (Total)	8253	10621	13095	8863	1107
Fresh Frozen Plasma	5025	5852	7406	4532	566
CRYO Poor Plasma	6	6	22	0	0
Cryoprecipitate	445	1037	1834	1617	202
Platelet Conc.	5020	6364	8115	5848	731
Single Donor Platelet	7	33	55	38	5

16. Central Laboratories (B.J. Medical College)

- Controlling Department : Central and Pathology Department
- Working Hours : Round the clock Service Available (24 hrs.)
- Investigative work load (Samples) : Adequate

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17. Central Laboratories: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- Controlling Department : Central and Pathology Department
- Working Hours : Round the clock Service Available
- Investigative work load:

	Lab	2013 (Jan-Dec)	2014 (Jan-Dec)	2015 (Jan-Dec)	2016 (Jan-Aug)
1	Microbiology	4495	6776	5772	5222
2	Clinical Pathology	16322	5982	8867	8836
3	Hematology	100072	103737	327647	233283
4	Biochemistry	209019	228429	468024	298577
5	Serological Test	16940	26963	4007	2501
6	Coagulation Profile	51645	60788	70726	48825
	TOTAL	**398493**	**432675**	**885043**	**597244**

18. Central Research Lab. (B.J. Medical College)

- Whether there is any Central Research Lab. : **Available**
- Administrative Control : **Dean**
- Staff : **Available**
- Equipment : **Available**

Central Research Laboratory which is fully equipped is available at B.J. Medical College and Gujarat Cancer Research Institute to which this Institute is affiliated and has full access.

No.	Equipment Name	Department	Manufacture Company
1	Eppendorf thermal cycler Gr. PCR	Immunohistochemistry	M/s Eppendorf Pvt Ltd
2	Ultra low Freezer (-80) 1 No.	MCPg	M/s Cryo scientific system Pvt Ltd
3	Eltek Make centrifuge- 3 No.	Cell biology, Molecular & Microbiology	M/s Raj Lab Instruments Pvt Ltd
4	Thermo Electron UK Shandon Automatic slide stainer with accessories	Cytology	M/s Labeon Scientific Instuments Pvt Ltd
5	Microtome Automatic tissue processor machine, bone cutting, 12 No.	Histopathology R.I.A.	M/s Marco Scientific Instrument

6	Remi Centrifuge machine- 24 No.	Various Lab	M/s Raj Lab Instruments Pvt Ltd
7	Carl-Zeiss Trinocular Research Microscope Model Axiostar plus system- 4 No.	Histopathology & Central lab	M/s Multi Technology Pvt Ltd
8	Nilon, Leitz, Olympus & other various brand microscope, 36 No.	Varios lab	M/s Multi Technology Pvt Ltd
9	Laminar Air flow, 5 No.	MCPg	M/s Kashyap Engineer company
10	Master cycler EP Gr. PCR	RGFL	M/s Eppendorf Pvt Ltd
11	Flow cyclometer FACS, CANTO- 11. No. 11	Immunohistochemistry	M/s B D India Pvt Ltd
12	Micro-refrigerated centrifuge Model. 5430	RGFL	M/s Eppendorf Pvt Ltd
13	Herans make refrigerated centrifuge model 3 SR	RGFL	M/s Thermo fisher scientific Pvt Ltd
14	Multiscan Spectrum spectro photometer	RGFL	M/s Thermo fisher scientific Pvt Ltd
15	CO2 incubator	RGFL	ESCO biotech Pvt Ltd
16	Leica Cryostat CM 1510S	Histopathology	M/s DHR holding India Pvt Ltd

Staff Detail:

No.	Name of Post	Name of Employee
1	Sr. Scientific Officer	Dr. Prabhudas Patel
		Dr. Hemangini H Vora
		Dr. Nandita Ghosh
		Dr. Rakeshkumar Raval
		Dr. Trupti Trivedi
		Dr. Jayendra B Patel
2	Jr. Scientific Officer	Dr. Franky D Shah
		Dr. Nilma S Desai
3	Research Assistant	Dr. Pina J Trivedi
		Ms. Kruti R Rajvik
		Ms. Toral Kobawala

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4	Jr. Research Assistant	Ms. Kinjal K Gajjar
		Ms. Apexa Raval
		Ms. Nupur Patel
		Ms. Birva V Brahmbhatt
		Mr. Dharmesh M Patel
		Ms. Urja N Desai

19. Departmental Research Lab: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- Central Research Laboratory which is fully equipped is available at B.J. Medical College and Gujarat Cancer Research Institute to which this Institute is affiliated and has full access.
- Administrative Control: Director

Staff of Research Department:

No.	Designation	Name
1	Research Officer	Dr. Komal Shah
2	Research Officer	Dr. Kumud Patel
3	Research Associate	Priyanka Patel
4	Research Associate	Himani Pandya
5	Research Assistant	Ashwati Konat
6	Research Assistant	Iva Patel
7	Research Assistant	Sanjay Patel
8	Research Fellow	Krutika Patel
9	Research Fellow	Himanshu Acharya
10	Research Fellow	Pratik Shah

- **Available Equipment :**
  - Adequate number of Computers with printers
  - Internet and LAN facility

- **No. of publications from the department during the last three years : 44**

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20. Investigative facilities (Approx. number of investigations done daily)
(B.J. Medical College)

I. Radiology (Per Day)

- Plain X-rays: 1500
- CT scan: 35
- MR Scan: 26
- Mammography: 15-16
- Ba Studies/IVP: 3-4
- Ultrasonography: 150
- Color Doppler: 08-10
- Others: 5

II. Radiotherapy

- Radiotherapy (Service provided by GCRI(Affiliated to B.J. Medical College))
- Teletherapy: 7909 per month.
- Brachytherapy: 820 Per month

III. Pathology: (Per Month)

- Hematology: 299545
- Histopathology: 24827
- FNAC: 1
- Cytology: 3578

IV. Pathology (Per Month)

- Bacteriology: 224890
- Serology : 3825
- Immunology: 70633

V. Biochemistry (Per Month)

- Blood Chemistry : 2285132
- Other Fluids : Urine – 6786 & Blood – 139429

21. Investigative facilities (Approx. number of investigations done daily)
B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

I. Average Number of Investigations done daily:

X-rays	185/day
CT Scan	12/day
Ba Studies/IVP	1/month
Ultrasonography	23/day
Doppler	18/day
TMT	17/day
ECG	397/Day
ECHO	OPD+IPD: 382/day

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	TEE : 7/day Stress echo:10/month
Holter Monitoring	2/day
Electro physiological study	11/month
Diagnostic Interventional procedures (CAG, PAG etc.)	45/ day

Radiology Department Facility:

No.	Equipment	Quantity
1	MultiSlice Cardiac CT Scan Machine (128 Slice - Definition AS+) with 1 No. MMWP and 2 Nos. syngovia workstation with server	1
2	120 KvA UPS – Riello	1
3	Dry Laser Camera (Dry pix 7000-FujiFilm)	1
4	Dual Head Pressure Injector – Medraid	1
5	12 Lead ECG Machine With Cable (MAC 1200 - GE)	1
6	Biphasic Defibrillator (Life pak 20 - Medtronics)	1
7	Syringe Pump (Injectomat Agilia - Fresenius kabi)	3
8	Anesthesia Apparatus With Hemodynamic Monitor (Fabius plus - Drager)	1
9	Multipara Monitors (vista XL - Drager)	1
10	X-Ray Machine - 500 mA (Heliophos-D, klinoskope H - Siemens	1
11	Portable X-Ray Machine (Mulimobil 2.5 - Siemens)	6
12	Digital CR System (Drystar Axis, CR 35X - AGFA)	1
13	Ultrasound Machine (Sonoline G-60 - Siemens) with ups	1
14	Ultrasound Machine (HD-15 - Philips) with ups	1
15	Portable Ultrasound Machine (Vivid e - GE)	1

- **State of the Art Multi-Slice Cardiac CT Scan machine (128 Slice)**

CT SCAN SUMMARY DATA				
Type Of Study	**2013**	**2014**	**2015**	**2016 (Jan – Aug)**
Coronary Angio	211	242	399	322
Pulmonary Angio	884	1177	1280	1145

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Aortic & Thoracic Angio	167	185	273	243
Upper & Lower Limb Angio	329	410	470	348
Neck & Carotid	85	48	71	49
Brain Plain + Contrast	847	837	914	703
HRCT Thorax	181	184	195	141
Thorax Contrast	94	141	136	122
PNS	19	6	11	9
Abd. Plain	23	27	52	34
Abd. Contrast	23	40	32	24
Total	**2863**	**3297**	**3833**	**3140**

- **State of the art - Siemens-Dual Head Gamma Camera SPECT System for myocardial perfusion imaging / Thallium scan**

STUDY DETAILS			
Study Type	**No. Of Patients**		**Total**
	Adult	**Pediatric**	
Myocardial Perfusion	409	0	409
Bone Scan	5	0	1
Renal Scan	4	2	6
MUGA Scan	1	0	1
Thyroid Scan	6	0	6
GI Bleed Scan	1	0	1
Total	**426**	**2**	**428**

II. Radiotherapy

- Radiotherapy (Service provided by GCRI(Affiliated to B.J. Medical College)
- Teletherapy: 7909 per month.
- Brachytherapy: 820 Per month

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III. Pathology

Hematology	27211 (Monthly Average)
Histopathology	7 (Monthly Average)
FNAC	1 (Yearly Average)
Cytology	7.7 (Monthly Average)

Pathology Department Facility:

- Fully Automated Biochemistry Analyzer
- Fully Automated Immuno Analyzer
- Fully Automated Five Part and Three Part Hematology Analyzer
- Coagulometer
- Centrifuge
- Oven
- Water bath
- Refrigerator
- Microscope

IV. Microbiology (Monthly Average)

Bacteriology – Culture and Sensitivity	476

Microbiology Department Facility:

- Bio-Safety Cabinet – Laminar Flow Clean Work Station
- Binocular Microscope
- Centrifuge
- Refrigerator
- Vitek 2 Compact Automated Microbial ID and AST system
- BacT/Alert 3D 60 automated blood culture system
- Bacteriological Incubator
- Cyclomixer
- Bunsen Burner with LPG connection
- Staining Rack
- A set of Microbiological Growth Media
- A set of Staining Solutions

TMT & Holter Facilities:

TMT MACHINE DETAIL		
No.	**Equipment**	**Quantity**
1	TMT machine GE (Model: Case premium)	1
2	TMT machine GE (Model: Case premium)	1

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HOLTER MACHINE DETAIL		
No.	**Equipment**	**Quantity**
1	Holter System with 4 Nos. recorder GE (Model: SEER 12)	1
2	Holter System with 8 Nos. recorder Schiller (Model: FD 12 plus)	1
3	Holter System with 8 Nos. recorder Schiller (Model: FD 12 plus)	1

AMBULATORY BP MACHINE DETAIL		
No.	**Equipment**	**Quantity**
1	Ambulatory BP System with 2 Nos. recorder GE (Model: Tonoport V)	1
2	Ambulatory BP System with 2 Nos. recorder Schiller (Model: BR 102 plus)	1
3	Ambulatory BP System with 2 Nos. recorder Schiller (Model: BR 102 plus)	1

Echocardiography Facilities:

- Latest High end dedicated 4D / 3D Color Doppler Echocardiography machine – (3 Nos.)
- Trans Thoracic Echocardiography (TTE) Probe: (n = 6)
  Adult TTE -2
  - Pediatric TTE -2
  - Neonatal TTE -2
  - Vascular Probe -2
  - Adult 3D volume probe – 2
- Trans Esophageal Echocardiography (TEE) Probe: (n = 6)
  Adult TEE - 2
  - Pediatric TEE -2
  - Neonatal TEE -1
  - Live 3D TEE probe with tissue harmonic imaging – 1
- Echocardiography Machine (n= 19)
  - Low end 2D Echo – 10
  - Portable 2D Echo – 7
  - Hand held machine – V Scan: 2
- Trans-Esophageal Echocardiography (TEE) (n=25)
  - Neonatal – 1
  - Adult 3D – 1
  - Adult 2D – 13
  - Pediatric 2D – 10
- Trans-Thoracic Echocardiography (TTE) Probe (n=40)
  - Adult 2D – 19
  - Pediatric 2D – 19
  - Neonatal 2D – 2

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Yearly Data of Investigations (Previous 3 Years)

NO.	Particulars		2013 (JAN-DEC)	2014 (JAN-DEC)	2015 (JAN-DEC)	2016 (JAN-AUG)
1	**Adult Echo**		69995	87859	93716	69990
2	**Pediatric Echo**		16170	21130	21320	18225
	Total 2D Echo		**86165**	**108989**	**115036**	**88215**
3	**Trans Esophageal Echocardiography (TEE)**		1297	2004	1944	1843
4	**Treadmill Stress Test (TMT)**		3857	3831	4044	2897
5	**Holter**		350	454	518	354
6	**ECG**		175579	167166	147970	3182
7	**Cardiac CT Scan**	**Adult**	1913	2261	2682	48006
	(Including CT Angio)	**Pediatric**	953	1067	1186	
8	**X-Ray**		44571	54010	61927	4673
9	**Ultra Sound (USG)**		5533	6752	6568	4722
10	**Doppler**		4976	6095	5779	98410
11	**No. of Pathology Tests**		533536	431467	891218	699160

22. Operation Theatres: (B.J. Medical College)

- All Operation Theatres are Air Conditioned
- **Numbers:** Total-**30**
- Major O.T. – **19**
- Minor O. T. -**11**
- Number of Operation tables - **46**
- **Equipment:** All modern operating, monitoring, resuscitation, and Anesthesia equipment are available.
- **Pre-Anesthetic Clinic:** Yes. 6 beds
- **Post- Anesthetic care area:** Yes. 31 beds
- **Resuscitation arrangement:** Adequate
- **ICU:** (A) Total 35 Monitor, defibrillator, Syringe pumps, Nebulizers, Ventilators etc.
  (B) I.C.U. of Burn Unit 10 Specialized Burns Unit
- **Pain Clinic: Yes**
- **Total Anesthesia staff:**

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Sr. No.	Designation	No
1	Professors /Additional Professors	20
2	Associate Professors	10
3	Assistant Professors	29
4	Tutors	9

- **Average No. of cases operated daily:** 230
  - Major: 109
  - Minor: 89
  - Emergency: 32

23. Operation Theatres: (Cardiac)

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

AC/Non AC	AC
Numbers	5 + 1 Hybrid Cardiac Cath lab with OT
Pre-Anesthetic Clinic Preparation Rooms	Yes 6
Post-Anesthetic Care Area	Yes
Resuscitation Arrangement	Adequate
ICU	Available (32 Beds for Adult & 20 Beds for Children)
Pain Clinic	Available
Total Anesthesia Staff	Available
Average No. of Cases Operated Daily	Total 15

Equipment List: 5 Cardio Thoracic Operation Theatres

No.	Equipment	Quantity
1	**Anesthesia Apparatus**: Drager (model: Primus) with slave display & hemodynamic monitoring (5 lead ECG, Spo2, temperature, invasive and non-invasive BP, BIS Monitoring, NMT, Etco2, Cardiac Output Monitoring etc.)	5
2	**Syringe Pump:** Fresenius Kabi Model : Injectomate Agilia Piolot A2	 26 5
3	**TCI System** : Model : Base premia	3
	Pump of base premia	9

4	**Biphasic Defibrillator :** Philips (Model : Heart Start XL)	5
5	**Patient Warming System** : Gaymer (TC 3003)	6
6	**ACT Machine** : BL Lifescience (Model: ACT MINI 2) Medtronic (Model : ACT II)	2 1
7	**High End Monitor :** Philips (Model : MP 60) with all standard accessories	1
8	**Low End Monitor:** Philips (Model:MP 20) with all standard accessories	2
9	**Pulse Oxymeter:** Datex Ohmeda (Model: Biox 3800)	3
10	**Transport Monitor :** Philips (Model:Intal viue X2)	2
11	**Fiber Optic Bronchoscope :** Fujinon (Model : FB 120 T)	1
12	**Single Channel Temporary Pacemaker :** Medtronic (Model: 5348)	5
13	**Dual Channel Temporary Pacemaker :** Medtronic (Model: 5388)	13
14	**Intra-Aortic Balloon Pump :** Arrow (Model: Autocat 2)	5
15	**Heart Lung Machine** : Stockert (Model: S - 3) Maquet (Model : HL -20) (Placed in Museum)	6 1
16	**Heater Cooler Unit :** Stockert (Model : 3T) Maquet (Model : HCU-30)	6 2
17	**Extra Corporeal Membrane Oxygenator (ECMO)System : Maquet (Model : PLS System)**	1
18	**OT Light with 3 Domes** : Drager (Model: Sola 700) : Maquet	3 2
19	**OT Table with Remote :** Trident (Model: 7000S)	5
20	**Cautery Machine :** Conmed (Model : X caliber PC) : Erbe	5 1
21	**Sternum Saw** : Manman	9
22	**Surgeon Head Light :** Lux Tech (Model : 9300 XSP)	13
23	**Autologous Blood Transfusion System : Fresenius Kabi (Model: CAT Plus)**	2
24	**Flash Autoclave Machine :** Getinge (Model : HS 22)	3
25	**Blood Bag Storage Refrigerator**	1

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Equipment List: Adult Cardio Thoracic Recovery Room

No.	Equipment	Quantity
1	**High End Multipara Monitor** : Philips (Model MP 60) with Central station & 5lead ECG, Spo2, Temperature, Invasive and non Invasive BP, Cardiac Out Put monitoring etc.	34
2	**High End Ventilator :** GE (Model : EV Care)	5
3	**Low End Ventilator** : Drager (Model : Savina)	22
4	**Syringe Pump** : Fresenius Kabi (Model : Injectomate ajilia)	110
5	**Defebrilator With External Paddel With Combo Kit :** Philips (Model : Heart Start XL)	2
6	**Paitent Warming System :** Gaymer (Model : TC3003)	8
7	**Dual Channel Temporary Pacemaker :** Maquet (Model : TP 20)	5
8	**Intra Aortic Balloon Pump :** Arrow (Model : Auto cat 2) : Data Scope (Model : CS 100)	3 1
9	**Hemo Dialysis Machine :** Fresenius (Model : 4008S)	1
10	**12 Lead ECG Machine With Patient Cable :** GE (Model : MAC 1200)	1
11	**Transport Monitor** with Accessories	1
12	**Blood Bag Storage Refrigerator**	1
13	**ACT Machine :** B.L. Life Science (Model : ACT Mini 2)	1

Equipment List: Paediatric Cardio Thoracic Recovery Room

No.	Equipment	Quantity
1	**High End Multipara Monitor**: Philips (Model MP 60) with Central station & 5lead ECG, Spo2,Temperature, Invasive and non Invasive BP, Cardiac Out Put monitoring etc.	20
2	**High End Ventilator :** GE (Model : EV Care)	17
3	**High Frequency Oscillation Ventilator** : GE (Model : SLE 5000)	3
4	**Dedicated Neonatal Ventilator :** Drager (Model : Baby Log)	5
5	**Nasal CPAP Machine :** Fanem (Model : 1150 - S)	3
6	**Nitric Oxide Delivery System :** GE (Model : SLE)	2

7	**Syringe Pump :** Fresenius Kabi (Model : Injectomate Ajilia)	138
8	**Defibrillator With External Paddle (Adult & Paed) :** Philips (Model : Heart Start XL)	1
9	**Patient Warming System :** Gaymer (Model : TC3003)	2
10	**Transport Monitor** with Accessories	1
11	**Baby Warmer** : Zeal : Geltron	19
12	**Portable Phototherapy Upper Surface :** Zeal	1
13	**Single Channel ECG Machine :** BPL	1

Catheterization labs:

- **AC:** All Cath. labs are Air Conditioned
- **Numbers:** 4 Cath.labs (3 Philips, 1 Siemens) with consoles

Equipment:

No.	Cardiac Cath Lab (Siemens)- Equipment	Quantity
1	**Flat Panel Digital Cardiac Catheterization Lab :** Siemens (Model : Artis ZEE) with EP Study System, IVUS & FFR, Hemodynamic Monitoring, Work station, Examination light , Injector	1
2	**Anesthesia Trolley : IOL** (Model : Mark 3)	1
3	**Intra Aortic Balloon Pump :** Arrow (Model : Autocat 2)	1
4	**High End Ventilator :** GE (Model : EV Care)	1
5	**Syringe pump** : Fresenius Kabi (Model : Injectomate ajilia)	8
6	**Pulse Oxymeter :** Schiller (Model : Argus OXM)	1
7	**Single Channel Temporary Pacemaker :** Medtronic (Model: 5348)	6
8	**Defibrillator Machine :** Philips (Model : Heart Start XL)	1
9	**Patient warming system** : Gaymer (TC 3003)	1

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No.	Hybrid Cardiac Cath Lab (Philips) -Equipment	Quantity
1	**Flat Panel Digital Cardiac Catheterization Lab With Rotational Angiography :** Philips (Model : FD 10 C) with Hemodynamic Monitoring, Work Station, Injector, Stent Boost System & Examination light	2
2	**Anesthesia Apparatus :** Datex Ohmeda (Model : ADU) : IOL (Model : Mark 3)	1 1
3	**High End Ventilator :** GE (Model : EV care)	1
4	**Syringe pump**: Fresenius Kabi (Model : Injectomate ajilia)	12
5	**Low End Multipara Monitor** : Datex Ohmeda (Model : S/5 Light)	4
6	**Intra-Aortic Balloon Pump** : Data Scope (Model : CS 100)	1
7	**Pulse Oxymeter :** Datex ohmeda (Model : Biox 3800)	2
8	**Defibrillator Machine** : Philips (Model :Heart start XL) Medtronic (Model : Life Pack 20)	1 1
9	**Single Channel Temporary Pacemaker :** Medtronic (Model: 5348)	9
10	**Patient Warming System** : Gaymer (TC 3003)	1
11	**Cautery Machine** : Valley lab	1

No.	Philips Hybrid Cardiac Cath Lab Equipment	Quantity
1	**Flat Panel Digital Cardiac Catheterization Lab With Rotational Angiography With Maquet Table :** Philips (Model : FD 10 C + Magnus) with Hemodynamic Monitoring, Work Station, Stent Boost System, Injector & O T light (3 Dome Sola 700) & O T Table (Magnus)	1
2	**Anesthesia Apparatus :** Datex Ohmeda (Model : Avance)	1
3	**High End Ventilator :** GE (Model : EV care)	1
4	**SYRINGE PUMP** : Fresenius Kabi (Model : Injectomate ajilia)	10
5	**Low End Multipara Monitor** : GE (Model : Dash 4000)	1
6	**Intra Aortic Balloon Pump** : Data Scope (Model : CS 100)	1
7	**Defibrillator Machine** : Medtronic (Model : Life Pcak 20) Zoll	1 1
8	**Single Channel Temporary Pacemaker :** Biotronics (Model: EDP 20)	11
9	**Patient warming system** : Gaymer (TC 3003)	1
10	**Cautery Machine** : Erbe	1

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11	**Heart Lung Machine** : Jostra (Model: HL 20)	1
12	**Heater Cooler Unit** : Jostra (Model : HCU 20)	1
13	**Surgeon Headlight**	1
14	**Sternum saw** : Manman	1
15	**ACT Machine** : Medtronic	1
16	**Electrophysiology System (EP System) : St. Jude** (Model : EP Work mate)	1

24. Central Supply of Oxygen/Suction: Available

Capacity: 20 KL

Manifold room: 30 Jumbo oxygen cylinder and 68 B Type oxygen cylinder

25. Central Sterilization Dept. (B.J. Medical College): Adequate

26. Central Sterilization Dept.: Adequate

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

(a) **Exclusive or with sub-sterilization Centres also** : Exclusive

(b) Equipment:

No.	Equipment	Quantity
1	Horizontal Autoclave Machine (HS6617 - Getinge)	3
2	Washer Disinfector (WD 46-5 - Getinge)	1
3	Dryer	1
4	Ultrasonic Cleaner (8510 - Getinge)	3
5	ETO Machine - (Sterivac 8XL - 3M)	1
6	Sealing Machine (GS 571DK - Getinge)	5
7	Plasma Sterilizer Machine (Sterrrard 100 NX - Johnson & Johnson)	1
8	Inspection Light	8

(c) Volume of work/day :

- Ultrasonic Washer & Drier : **Yes**
- ETO – 1 No. – 8 XL (224 lt.) : **2 Cycles / Day**
  : **1 Large Basket / Cycle**
  : **2 Small Baskets / Cycle**
- Steam Sterilizer - 2 Nos. –789 Ltr. : **10 cycles / day**
  : **Bunches - 35 /day**
  : **Carat- 30 / day**
  : **Drum – 15/day**
  : **Tray 40/day**
- Plasma Sterilizer - 1 Nos. –789 (Sterrad 100NX): **2 cycles / day**

(d) Arrangement for sterilization of mattresses & blankets: Out sourced

(e) Staff available in CSSD:

- Asst. Matron : 01
- Technical Assistants : 00

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Technicians

- CSSD Technicians : 05
- Lab Technicians : 05
- Patient Attendants : 05
- Housekeeping : 03
- Utility Staff : 15
- Staff Nurse : 01
- Lab Assistant : 02

27. Laundry: (B.J. Medical College)-(Out sourced): Mechanical & **Service**: Adequate

28. Laundry:

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- Out Sourced : **Yes**
- Mechanical : **Yes**
- Service : **Adequate**
- Volume of work/day : **1800-2000 pieces/day**
- Staff available : **Total – 15**

Laundry			
Equipment List			
No.	**Machine**	**Kg.**	**Quantity**
1	Washing Machine	60 Kg	2 – For Non-Infected Linen 1 – For Infected Linen
2	Drier Machine	30 Kg	2- For Non-Infected Linen
			1 – For Infected Linen
3	Hydro Machine	30Kg	2
4	Calendar Machine	6' Feet	1
5	Steam Press		0
6	Electric Press		1
7	Flat Press		1
Staff List			
1	Day Duty	15	
2	Night Duty	0	
	Total	**15**	

29. Kitchen: (B.J. Medical College)

- Available (Out Sourced)
- Cooking by Gas

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30. Kitchen: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

• Available • Cooking by Gas	**Out Sourced** **Pipeline**
a) Type	**LPG**
b) Nature of food supplied	Healthy and nutritious **Full Diet** { **Adult** **Soft Diet** { **Pediatric** **Ryle's Tube Feeding** **Liquid Diet**
c) Daily No. of meals	**Breakfast with Tea/Milk, snacks + One Fruit, Two meals, Milk at Night**
d) Percentage of patients provided with free diet	**Total 100%**
e) Per capita expenses/day :	**Approx. Rs. 87/Day**

- **Canteen**

a) Type of catering : Contractual
b) Whether subsidized : Yes
c) For staff only or for others also : For all (Patients, Staffs, Patient's Relatives)

31. Incinerator: (B.J. Medical College): (Out Sourced) - Available & Functional

- No. : 1
- Capacity : 200 Kg /Hr
- Type : Two chambered machine

32. Incinerator: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

Out Sourced to M/s CARE B.M.W. Incineration: Available & Functional

- No. : 2
- Capacity : 1 - 200 kg /hr & 1 - 50 kg/hr
- Type : Two chambered machine

33. Generator Facility: (B.J. Medical College): Available – 5 generators

Capacity:

Sr. No.	Capacity in KW	Location
1	50	Transit ward
2	82.5	Trauma Centre
3	160	Blood bank
4	200	F block
5	250	D block

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34. Generator Facility: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

Capacity in available Generators:

1. 500 KVA+250KVA =750 KVA (synchronies)	:	Quantity-2
2. 500 KVA+250KVA =750 KVA (synchronies)	:	Quantity-2
3. 500 KVA	:	Quantity-1
4. 2000 KVA (Civil Trauma Centre)	:	Quantity -2
	:	Total-07 (Seven)

UPS

1. UPS 200 KVA (Critical Area)
2. UPS 80 KVA (Emergency Lighting Load)

35. Medical Record Section: (B.J. Medical College): Computerized

36. Medical Record Section: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre): Computerized

37. Animal House (B.J. Medical College): No

38. Central Workshop (B.J. Medical College): Available & Adequate

39. Recreational facilities: (B.J. Medical College)

- Play grounds: Available
- Gymnasium: There are 3 rooms
  - One- 48' X 34'
  - Two- 73' X 21'
- A well-equipped air-conditioned wellness Centre is functioning near D 3 ward.
- Auditorium: **4** Available
  1 in College building - 800 seats
  1 in CHA- Asmita Bhavan – 500 seats (under renovation)
  1 in IKD – 500 seats
  1 in Cama Hall-500 Seats (GCRI)

40. OPD Space:

- No. of rooms 04 rooms
- Patient Exam arrangement: Adequate (cot with curtain, Examination tray having torch, hammer, measuring tape, Tongue depressor, sphygmomanometer, stethoscope, gloves, view box, etc.)
- Teaching Space : Adequate
  1 Case Demonstration Room
  1 Seminar Room
- Waiting area for patients: Adequate, well ventilated with Sitting facilities
- Indoor Space: Adequate

41. Specialty clinics and services being provided by the department.

- Pain Clinic : Everyday

42. Office Accommodation:

- Departmental Office : Available
- Space : Adequate
- Staff (Steno /Clerk) : Available
- Computer/ Typewriter : Available

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Office Space for Teaching Faculty:

- HOD/ Professor: : 3 Rooms
- Assoc. Prof./ Reader: : 3 Rooms
- Lecturer/Asst. Professor : 2 Rooms
- Resident duty room : 1 Rooms

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Annexure 4 - Clinical Material

Clinical Material: From 8 AM (9/9/16) to 8 AM (10/9/16)		
Parameter		**Entire Hospital**
OPD attendance		**886**
New Admissions (IPD)		**89**
No. of Cardiac Procedures done		**73**
No. of Cardiac Surgeries done		**13**
Total Deaths		**07**
Casualty Attendance		**46**
Pathology:	Hematology	**1398**
	Biochemistry	**1447**
	Clinical Pathology	**128**
	Coagulation Profile	**248**
	Immunology	**194**
	Serology	**14**
Radio Imaging:	CT Scan	**13**
	X- Ray	**304**
	USG	**18**
	Doppler	**22**
ECG		**332**
ECHO		**432**
TMT		**23**
Microbiology		**32**
Blood Units consumed		**69**

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1. **Average daily Patients attendance (B.J. Medical College, Ahmedabad)**

- **Average Daily OPD**
  - **2013** : 3128
  - **2014** : 3421
  - **2015** : 3463
  - **2016** : **3927**

- **Average Daily IPD**
  - **2013** : 277
  - **2014** : 289
  - **2015** : 293
  - **2016** : **226**

- **Average bed occupancy rate**: 93 % (Percentage of Teaching Beds)

2. **Average daily patients attendance: B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)**

- **Average Daily OPD**
  - **2013** : 329
  - **2014** : 340
  - **2015** : 470
  - **2016** : 669

- **Average Daily IPD**
  - **2013** : 61
  - **2014** : 63
  - **2015** : 69
  - **2016** : 80

- **Average bed occupancy per day: 92%**

3. Year-wise Data (previous 3 years)

A. OPD, IPD, Other cardiac Investigations. Cardiac Procedures & Cardiac Surgeries:

(a) OPD & IPD Data:

NO.	PARTICULARS	2013 (JAN – DEC)	2014 (JAN – DEC)	2015 (JAN – DEC)	2016 (JAN-AUG)
1	No. of Outdoor Patients	107630	122459	169277	158543
2	No. of Indoor Patients	20082	22525	24495	18837

(b) Other Cardiac Investigations (ECG & ECHO)

NO.	PARTICULARS		2013 (JAN – DEC)	2014 (JAN – DEC)	2015 (JAN – DEC)	2016 (JAN-AUG)
1	Adult Echo		69995	87859	93716	69990
2	Pediatric Echo		16170	21130	21320	18225
	Total 2D Echo		86165	108989	115036	88215
3	Trans Esophageal Echocardiography (TEE)		1297	2004	1944	1843
4	Treadmill Stress Test (TMT)		3857	3831	4044	2897
5	Holter		350	454	518	354
6	ECG		175579	167166	147970	3182
7	Cardiac CT Scan (Including CT Angio)	Adult	1913	2261	2682	48006
		Pediatric	953	1067	1186	
8	X-Ray		44571	54010	61927	4673
9	Ultra Sound (USG)		5533	6752	6568	4722
10	Doppler		4976	6095	5779	98410
11	No. of Pathology Tests		533536	431467	891218	699160

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(c) Cardiac Procedures

NO.	PARTICULARS		2013 (JAN – DEC)	2014 (JAN – DEC)	2015 (JAN – DEC)	2016 (JAN-AUG)
	Total Cardiac Procedures (As Detail Below)		**13535**	**15373**	**15256**	**11903**
1	Angiography / Diagnostic Procedures		8636	9706	9181	7734
2	Angioplasty with Stenting		2938	3530	3463	2491
3	Angioplasty without Stenting		251	285	270	207
4	Closure Devices	Adult	229	298	287	587
		Pediatric	501	513	314	
5	Pacemaker		458	526	604	567
6	Balloon Valvuloplasty (BMV, BAV, BDC)		523	515	692	317
7	Patent Ductus Arteriosus (PDA)		284	297	242	226
8	Atrial Septal Defect (ASD)		190	225	140	119
9	Ventricular Septal Defect (VSD)		150	154	125	104
10	EP Therapeutic		101	130	122	130
11	Inferior Vena Cava (IVC) Filter		5	5	7	8

(d) Cardiac Surgeries:

1	Simple Cardiac Surgeries	3068	3744	3343	1360
2	Complex Cardiac Surgeries	654	797	1359	1523
3	Complicated Complex (Tertiary)	343	406	154	336
	Total Cardiac Surgeries	4065	4947	4856	3219

B. Blood Bank Data:

Particulars	2013 (Jan – Dec)	2014 (Jan – Dec)	2015 (Jan – Dec)	2016 (Jan – Aug)	Average Per Month
Whole Blood	424	1326	1975	785	98
Packed Cell Volume	7829	9295	11120	8178	1022
W.B. + P.C.V. (Total)	8253	10621	13095	8863	1107
Fresh Frozen Plasma	5025	5852	7406	4532	566
CRYO Poor Plasma	6	6	22	0	0
Cryoprecipitate	445	1037	1834	1617	202
Platelet Conc.	5020	6364	8115	5848	731
Single Donor Platelet	7	33	55	38	5

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C. **Laboratory Investigations:**

	Lab	2013 (Jan-Dec)	2014 (Jan-Dec)	2015 (Jan-Dec)	2016 (Jan-Aug)
1	Microbiology	4495	6776	5772	5222
2	Clinical Pathology	16322	5982	8867	8836
3	Hematology	100072	103737	327647	233283
4	Biochemistry	209019	228429	468024	298577
5	Serological Test	16940	26963	4007	2501
6	Coagulation Profile	51645	60788	70726	48825
	TOTAL	**398493**	**432675**	**885043**	**597244**

D. **CT Scan:**

CT SCAN SUMMARY DATA				
Type Of Study	**2013**	**2014**	**2015**	**2016 (Jan – Aug)**
Coronary Angio	211	242	399	322
Pulmonary Angio	884	1177	1280	1145
Aortic & Thoracic Angio	167	185	273	243
Upper & Lower Limb Angio	329	410	470	348
Neck & Carotid	85	48	71	49
Brain Plain + Contrast	847	837	914	703
HRCT Thorax	181	184	195	141
Thorax Contrast	94	141	136	122
PNS	19	6	11	9
Abd. Plain	23	27	52	34
Abd. Contrast	23	40	32	24
Total	**2863**	**3297**	**3833**	**3140**

E. **Nuclear Medicine Department**

STUDY DETAILS			
Study Type	No. Of Patients		Total
	Adult	Pediatric	
Myocardial Perfusion	409	0	409
Bone Scan	5	0	1
Renal Scan	4	2	6
MUGA Scan	1	0	1
Thyroid Scan	6	0	6
GI Bleed Scan	1	0	1
Total	426	2	428

Annexure – 5 Bed Occupancy

Bed Occupancy (10.09.16)	**93%**
Total Beds Occupied	**377**
Total No. Beds	**406**

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ANNEXURE 6 - OTHER INFORMATION

1. College Council (Constitution): B.J. Medical College, Ahmedabad

(a) Composition:
Chairperson : Dean, B.J. Medical College, Ahmedabad.
Members : Head of All Departments; Medical Superintendent, Civil Hospital, Ahmedabad; Director, PG Studies and Research, B.J. Medical College, Ahmedabad.

(b) Functions: Monitoring of undergraduate teaching program from time to time, Discussion of departmental teaching schedule, Problem solving, Discussion regarding attendance, internal evaluation and timely suggestion from various teachers are accepted.

(C) No. of Sessions per year: Three sessions in a year. Meeting is also called as and when required.

2. PG Committee: B.J. Medical College

No.	Name of Member	Designation
1	Dr. Maheshbhai Patel	Chairman, Admission Committee, Pathology Department, B.J. Medical College, Ahmedabad
2	Dr. M.M. Shaikh	P.G. Director, Postgraduate Studies and Research, B.J. Medical College, Ahmedabad
3	Dr. B.J. Shah	Dean, B.J. Medical College, Asarwa, Ahmedabad
4	Dr. P.R. Patel	Shrimati N.H.L. Municipal Medical College, Ellisbridge, Ahmedabad
5	Dr. Dipti Shah	Dean, A.M.C.MET Medical College, Ahmedabad
6	Dr. Kirtibhai Patel	Dean, GCS Medical College, Ahmedabad
7	Dr. Nitin Vora	Dean, GMERS Medical College, Sola, Ahmedabad
8	Dr. Arun Vyas	Dean, GMERS Medical College, Gandhinagar
9	Dr. Pranay Shah	B.J. Medical College, Ahmedabad
10	Dr. Maitray Gajjar	B.J. Medical College, Ahmedabad
11	Dr. Kanubhai Patel	B.J. Medical College, Ahmedabad
12	Dr. Nikesh Agrawal	GMERS Medical College, Sola, Ahmedabad
13	Dr. Ashok Nirvan	B.J. Medical College, Ahmedabad
14	Dr. Mitesh Patel	B.J. Medical College, Ahmedabad

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3. **Ethics Committee : B.J. Medical College**

No.	Name of Member	Designation and Qualification
1	Dr. R. K. Dixit (Independent of Institution)	Chairman, M.D. (Pharmacology & Toxicology)
2	Dr. M.M. Prabhakar	Member secretary, (Scientific) Clinician, Medical Superintendent & Professor and Head Orthopedics, M.S. (Orthopedics)
3	Dr. Mira K. Desai	Member Coordinator, (Scientific) Pharmacologist, Professor and Head Pharmacology, M.D. (Pharmacology)
4	Dr. Asha N. Shah	Member, (Scientific) Professor and Head Medicine, M.D. (Medicine)
5	Dr. G.H. Rathod	Member, (Scientific) Professor and Head Surgery, M.D. (Surgery)
6	Dr. Meenakshi	Member, Clinician (Scientific) Professor & Head Psychiatry, M.D. (Psychiatry)
7	Dr. M.F. Sheikh	Member, (Scientific) Professor and Head Plastic Surgery, M.S., M.Ch. (Plastic Surgery)
8	Mr. Amar Vyas	Member, (Non scientific) Community Medicine, M.S.W., Social Worker, PhD.
9	Mr. P.K. Yadav (Independent of Institution)	Member, (Non scientific), B.A. L.L.B. - Lawyer
10	Mr. Hitendra Makwana	Member, (Non scientific) S.S.C., Lay Person

Ethics Committee:

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

No.	Name	Designation
1.	Prof. Dr. C.B. Gemavat	Chairman
2.	Dr. R. K. Patel	Member, Director-UNMICRC, Ahmedabad.
3.	Dr. D.G. Yagnik	Member, Ex. Hon. Prof. in CTS, Sheth Kanhaiyalal Post Graduate Institute of Medicine & Research, V.S. Hospital, Ahmedabad.
4.	Dr. R.K. Dixit	Member, Professor of Pharmacology, GCS Medical College Ahmedabad.
5.	Sh. Suresh T. Agrawal	Member, Advocate Legal Expert Member
6.	Dr. Dinesh Amin	Member, Social Worker
7.	Sh. Ajit Shah	Member, Layman
8.	Dr. Jayesh Prajapati	Member, Professor & HOD of Cardiology
9.	Dr. Jagdish Khandeparkar	Member, Professor & HOD, CVTS
10.	Dr. Varsha Sarvaiya	Member, Prof. Cardiac Anesthesia
11.	Dr. Chirag Doshi	Member, Associate Professor CVTS
12.	Dr. Sibasis Sahoo	Member, Associate Professor of Cardiology
13.	Dr. Parthiv Mehta	Member, Visiting Consultant
14.	Dr. Pranav Sharma	Member, Associate Professor CVTS
15.	Mr. Naitik Patel	Member Co-ordinator

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4. Medical Education Unit (Constitution): (B.J. Medical College, Ahmedabad)

Staff	Name	Designation
Chairperson	Dr. Bharat J. Shah	Dean & Professor, Anesthesia
Co-chairman	Dr. M M Prabhakar	Med. Superintendent, Professor & Head Orthopedics
Member	Dr. Hansa Goswami	Additional Dean, Prof. & Head Pathology
Member coordinator	Dr. Meera Desai	Professor & Head Pharmacology
Member	Dr. Asha N. Shah	Professor & Head Medicine
Member	Dr. Geeta Kediya	Professor & Head Community Medicine
Member	Dr. Niti Talsaniya	Professor Community Medicine
Member	Dr. Bipin Amin	Professor Medicine
Member	Dr. Anuradha Gandhi	Professor Pharmacology
Member	Dr. A. Bhagyalaxmi	Associate Professor Community Medicine
Member	Dr. Bela Shah	Professor Pediatrics
Member	Dr. Shivani Patel	Associate Professor Medicine
Member	Dr. Prakruti Patel	Associate Professor Pharmacology
Member	Dr. Dipali Trivedi	Professor Anatomy
Member	Dr. Anju Mehta	Professor Physiology
Member	Dr. Jayesh Sachde	Professor Plastic Surgery
Member	Dr. G. H. Rathod	Professor & Head Surgery

Supportive Staff	
Stenographer	1
Computer Operator	1
Technicians in Audiovisual Aids (Photographer & Artist)	1

- **No. of meetings of last year:** Three sessions in a year & as and when required.

Medical Education Unit (Constitution):
B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

- Number of meetings: Twice in a Year

Name	Designation
Dr. Bharat J. Shah	Dean, B.J. Medical College, Ahmedabad
Dr. R. K. Patel	Director, UNMICRC
Dr. Jagdish Khandeparkar	Professor & HOD in CVTS, UNMICRC
Dr. Amber Malhotra	Professor in CVTS, UNMICRC
Dr. Jayesh Prajapati	Professor & HOD. In Cardiology, UNMICRC
Dr. Jigisha Pujara	Associate Professor in Cardiac Anesthesia, UNMICRC
Dr. Anand Shukla	Associate Professor in Cardiology, UNMICRC
Dr. Amit Mishra	Professor in CVTS (Pediatric), UNMICRC
Mr. Lakshman Iyer	CEO of the Institute

Supportive Staff	
Stenographer	1

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Computer Operator	1
Technicians in Audiovisual Aids (Photographer & Artist)	1

5. Curriculum Committee:

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

The curriculum committee comprises of the following members.

Sr No	Name of the member	Designation
1	Dr. Jayesh S. Prajapati	Professor & HOD of Cardiology
2	Dr. Anand N. Shukla	Associate Professor in Cardiology
3	Dr. Jagdish Khandeparkar	Professor & HOD in Cardio Vascular Thoracic Surgery
4	Dr. Pranav Sharma	Associate Professor in Cardio Vascular Thoracic Surgery
5	Dr. Ramesh Dahyabhai Patel	Professor & HOD in Cardiac Anesthesia
6	Dr. Jigisha Chandrakant Pujara	Associate Professor in Cardiac Anesthesia

6. Annual Plan & Non-plan budget allotted and utilized in the last three Years. (B.J. Medical College)

B.J. MEDICAL COLLEGE
Statement showing the Grant & Expenditure for the Year 2013-14, 2014-15 & 2015-16

	2013-14 (in rupees)		2014-15 (in rupees)		2015-16 (in rupees)	
	Allotted	Utilized	Allotted	Utilized	Allotted	Utilized
Non plan	71,07,43,000	71,07,43,000	66,69,05,000	66,69,02,000	77,27,10,000	76,79,97,854
Plan	15,20,21,000	15,20,21,000	16,18,59,000	16,18,59,000	18,17,64,000	17,29,18,677

Annual Plan & Non-plan budget allotted and utilized in the last three years.

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre

B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)
Statement showing Grant & Expenditure for Year 2013-14, 2014-15 & 2015-16
NON-PLAN & PLAN

Year	Grant allotted During the Year (in Rupees)			Expenditure Utilized During the Year (in Rupees)		
	NON-PLAN	PLAN	TOTAL	NON-PLAN	PLAN	TOTAL
2013-14	10,07,33,000	39,94,40,000	50,01,73,000	16,12,35,000	40,69,50,000	56,81,85,000
2014-15	11,83,16,000	49,40,00,000	61,23,16,000	18,39,37,000	47,47,08,000	65,86,45,000
2015-16	10,40,84,000	51,15,08,000	61,55,92,000	20,81,33,000	56,67,73,000	77,49,06,000
Grand Total	32,31,33,000	1,40,49,48,000	1,72,80,81,000	55,33,05,000	1,44,84,31,000	2,00,17,36,000

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B. J. Medical College
Ahmedabad.

7. Statement of Salary paid to the faculty staff during last three years.
(B.J. Medical College)

No.	Categories	Pay Scale	Grade Pay
	Teaching		
1	Professor	37400-67000	10000
2	Associate Professor	37400-67000	9000
3	Assistant Professor	15600-39100	7000
4	Tutor	9300-34800	5400
	Administrative		
5	Administrative Officer/Office Superintendent / Head Clerk/ PA/ Stenographer Grade-2, English	9300-34800	4200
6	Senior Clerk / Stenographer Grade-3	5200-20200	2400
7	Junior Clerk/ Clerk cum Typist	5200-20200	1900
8	Stenographer, English (Fixed pay)	5500	--
9	Steno typist / Record Clerk (Fixed pay)	3050	--
	Technical		
10	Physical Instructor	9300-34800	5400
11	M S W	9300-34800	4600
12	Microsoft Photographer	9300-34800	4400
13	X Ray Technician / Librarian /P H N	9300-34800	4200
14	Lab. Tech./Artist/ Sanitary Inspector/ Staff nurse/ Junior Pharmacist/ Statistical Assistant	5200-20200	2800
15	Assistant Photographer/ Assistant Librarian/ Carpenter	5200-20200	2400
16	Lab. Assistant/Assistant technician/Watch man/ Driver	5200-20200	1900-2400-2800
17	Class IV (Higher grade)	5200 - 20200	1800-1900
18	Class IV	4440-7440	1350-1400-1650

Statement of total of Salary & Incentive paid to the teaching faculty staff per year during the last three years.
B.J. Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre)

All Faculties of the Institute	Year			
	Mar. '13- Feb. '14 (in Rupees)	Mar. '14- Feb. '15 (in Rupees)	Mar. '15- Feb. '16 (in Rupees)	Mar. '16 Aug '16 (in Rupees)
Professor	10432488	13188919	18073458	27295526
Associate Professor	45540706	66613360	81523582	47030812
Assistant Professor	23672382	39022774	50074564	46608113
TOTAL	**79645576**	**118825053**	**149671604**	**120934451**

Status of Compliance with MSRs as per directions of Oversight Committee

1.	**Name of Institution** (Government)	**Dean – Head of Institution**	
	B J Medical College, Ahmedabad, Gujarat	Name:	Dr. Bharat J. Shah
		Age & Date of Birth:	60 Years / 12-01-1956
		Teaching Experience:	34 Years 8 Months 21 Days
		P G Degree: (Recognized/Non Recognized)	Recognized
		Subject:	MD – Anesthesia
2.	**Name of Institution**	**Director- Administrative Head**	
	B J Medical College, Ahmedabad (attached with U.N. Mehta Institute of Cardiology & Research Centre), Ahmedabad, Gujarat	Name:	**Dr. R.K. Patel**
		Age & Date of Birth	**65 Years**
		Teaching Experience:	**26 Years 4 Months 17 Days**
		P G Degree: (Recognized/Non Recognized)	Recognized
		Subject	MD (Medicine)
3	**Department:**	**Name & other particulars of Professor & Head of Department**	
	Cardio Vascular Thoracic Surgery Department	Name:	Dr. Jagdish Chandra Mahadev Sinai Khandeparkar
		Age & Date of Birth:	64 Years/13-05-1952
		Teaching Experience:	22 Years 8 Months 18 Days
		P G Degree: (Recognized/Non Recognized)	Recognized
		Subject:	M.Ch – Thoracic Surgery
4.	**General Information**	**As per Annexure no. 1**	
5.	**Faculty**	**As per Annexure no. 2**	
6.	**Infrastructure**	**As per Annexure no. 3**	
7.	**Clinical Material**	**As per Annexure no. 4**	
8	**Bed Occupancy**	**As per Annexure no. 5**	
9.	**Other Information**	**As per Annexure no. 6**	

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Ahmedabad.