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E-mail : pg@mciindia.org; mci@bol.net.in
Website : www.mciindia.org



फॉकेट - 14, सेक्टर - 8,
द्वारका फेज - 1
नई दिल्ली-110 077
Pocket- 14, Sector- 8,
Dwarka Phase - 1
New Delhi-110077

भारतीय आयुर्विज्ञान परिषद्
BOARD OF GOVERNORS IN SUPER-SESSION OF
"MEDICAL COUNCIL OF INDIA"

PG.COM. dt. 04-05.06.2013
No.MCI-94(22)/2013/MED/

The Secretary to the Govt. of India,
Ministry of Health & F.W.,
Nirman Bhawan,
New Delhi.

Kind Attention:- Ms Anita Tripathi, U.S. (ME)

Sub: Veer Narmad South Gujarat University - Recognition of MD(Biochemistry) qualification in respect of students being trained at Government Medical College, Surat.

Sir,

I am directed to state that the Board of Governors, Medical Council of India at its meeting held on 03.07.2013 considered the assessment report (May, 2013) on the standard of examination and other teaching facilities available at Government Medical College, Surat for Recognition of MD(Biochemistry) qualification granted by the Veer Narmad South Gujarat University and it was decided as under:-

"The Board of Governors considered the assessment report (May, 2013) and decided to recommend that MD(Biochemistry) qualification granted by Veer Narmad South Gujarat University in respect of students being trained at Government Medical College, Surat be recognized and included in the 1st Schedule to the I.M.C. Act, 1956 restricting the number of admissions to 03(Three) student(s) per year."

The attention of the institute is drawn to Clauses 6.4 and 6.6 of the Postgraduate Medical Education (Amendment) Regulations, 2000, Part-II, dated 21st July, 2009 and act accordingly at appropriate time, which reads as under:-

- 6.4 *The recognition so granted to a Post Graduate Course shall be for a maximum period of 5 years, upon which it shall have to be renewed.*
- 6.6 *Failure to seek timely renewal of recognition as required in sub-clause-4 shall invariably result in stoppage of admissions to the concerned Post Graduate Course.*

You are requested to issue notification recognizing the above qualification on or after May, 2013.

A copy of Inspection report is enclosed herewith.

Yours faithfully,

[Dr. P. Prasannaraj]
Addl. Secretary

Date of starting course April, 2010.

Date of examination first batch May, 2013.

Endst No. : MCI-94(22)/2013-Med/ 101889

Dated: 3/8/13

Copy forwarded for information and necessary action to :-

1. The Dean/Principal, Government Medical College, Majura Gate, Surat - 395001...
2. The Registrar, Veer Narmad South Gujarat University, University Campus, Udhna, Magdalla Road, Surat - 395007.
3. The Director of Medical Education, G-Block, 2nd floor, Civil Hospital Campus, Gandhi Nagar-362012.

No. MCS/STU/198/111
Office of the Dean,
Government Medical College, Surat

Date: 04 OCT 2013

[Dr. P. Prasanna Raj]
Addl. Secretary

*Copy Forwarded to Professor & Head of BIO-CHEMISTRY
Dr. H. Govt. Medical College, Surat for information.*

Summary of Biochemistry Assessment report – to be completed by the Assessor.

Date of Assessment:- 08-05-2013

Name of Assessor:- Dr. Pradeep Kumar Patra

1	Name of the institution	Name and other particulars of Institution (Dean/Director)	
	Government Medical College Surat	Dr R DIXIT	PG degree: Recognized Experience : Adequate Age: Below 65 years
2	Department Inspected	Name & other particulars of Head of Department	
	Biochemistry	Dr Shaileshkumar Manubhai Patel	PG degree : Recognized Experience: Adequate Age: Below 65 years
3	Date of last Assessment of the Department (with Report): Annexure-1 (UG) and Annexure-2(PG)	Date of last Assessment of the Department MCI	
	Annual intake of MBBS students Letter of permission from MCI for the MBBS course. Date of IOP for MBBS course received from MCI	150 MCI-37(1)-2011-Med./19628 (UG), GOI, H&FW 25/06/2011 (UG)	12012/46/2009/ME-(P11). 21- 22/01/2010 (PG), GOI, H&FW
4	Total Teachers in the Department (with requisite qualifications & Experience)		
	Designation	Number	Name Total Experience
	Professors	1	Dr. Shailesh Patel 20 yrs
	Assoc. Professors/Readers	1	Dr. Piyush Tailor 8yrs
	Asstt. Professors	2	Dr Nj Arbathi, Dr Manisha Baraiya 20 yrs 8 yrs
	Tutors	4	Dr Bharati Bakshi Dr Archana Gupta Dr Indubhai Damor Dr Rohan Rana 24 yrs 20 yrs 05 yrs 02 yrs
<p>All teachers should be physically identified.</p> <p>Detailed Performa (with photograph affixed) in respect of every teacher must be obtained which signed by the concerned teacher, HOD and Head of institution</p> <p>To ensure that staff is full time, paid and not working in any other institution simultaneously.</p> <p>The PAN number and the residence address should be verified for all the serving faculty members</p>			
5	Requisite important information of the Department		
	Teaching complement	Complete	
	Available PG teachers	2	
	Instruments and other expected facilities	Adequate	
	Number of Labs available for UG students	1	
	Laboratory Technician Annexure-10	10 Lab. Technicians, 4 Lab.Asst.	
	Department Research Laboratory	Yes	
	Departmental Library – Book/Journals	Adequate	
	Central Library – Books/Journals pertaining to the department	Adequate	

RAJESHWARI COLLEGE AND
HOSPITAL SURAT
GOVT. MEDICAL SURAT.

Professor & Head
Biochemistry
Rajeshwari College and
Hospital, Surat.

Dr. Pradeep Kumar Patra
22/05/2013

6	Space for Department Lab space in department Central laboratory Offices for Faculty members & office steno Class Rooms and Demonstration rooms Specific requirements related to the department (Museum/Mortuary/Specialized Investigation etc.)	Adequate Adequate Adequate Adequate Adequate		
7	No of publications from the department during 3 years	Adequate		
8	Year-wise number of PG students admitted and available staff during the last 5 years	Year	No. of PG students admitted (Deg/Dip)	No. of recognized PG teachers in the department
		2010-2011	3	2(1 Prof,1 Asso)
		2011-2012	3	2(1 Prof,1 Asso)
		2012-2013	3	2(1 Prof,1 Asso)
9	Investigative work load in the Institution Radiology Annexure-6 Bio-Chemistry facilities (24 hrs emergency lab) Annexure-7 Pathology Annexure-8 Microbiology facilities Annexure-9 Investigative workload furnished for last 3 years Blood Bank facilities with daily consumption of blood units & component separation facilitates available in-house) Annexure-11 Incinerator Annexure-12 Laundry Annexure-13 Hostels for UG & PG students Accommodation for Staff Annexure-17	Adequate Adequate Adequate Adequate Adequate Adequate Outsourced Adequate Adequate Adequate		
10	Ongoing teaching programme for PG students with logbook Annexure-14	Satisfactory		

11. Final remarks by the Assessor: (factual position only).

- Adequate infrastructure
- Excellent teaching facilities
- NABL accredited 24 hours clinical Biochemistry laboratory in function
- Adequate teaching staff on MC1 (one asst. prof. is on sica leave)
- Good research work on going on

Signature of the Assessor

[Handwritten Signature]
08/15/13

Note Specific mention of required facilities as per MCI norms and commensurate with the degree under consideration must be made specifying whether these are Available/Not available.

[Handwritten Signature]
DEAN
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SURAT.

Standard Assessment Form for Postgraduate courses
(Biochemistry)

1. Name of Institution : Government Medical College Surat
Annual Intake for U.G. : 150 Reference: Annexure-1

2. Particulars of the Assessor:-
Assessment Date:

08-04-2013

Name :

Dr. Pradeep Kumar Patra

Designation :

Professor and Head

Speciality :

Biochemistry

Name & Address of Institute/College :

Pt. J N M Medical College, Raipur

Residential Address (with Pin Code) :

Professors Colony
Sector-1, Street No-4
Raipur
Chhatisgarh 492001

Phone :

0771-2523919

(OH) :

0771-2272611

(Resi) :

0771-2523919

(Fax) :

Mobile No. :

09893100505

E-mail :

pkp1964@yahoo.co.in

S. M. Patra

Pradeep

Signature of Assessor

08/04/2013

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3. (Institutional Information)**A). Particulars of college**

Item	College	Chairman/Health Secretary	Dean	Medical Superintendent
Name	Government Medical College Surat	Shri Rajesh kishor	Dr R Dixit	Dr M K Vadel
Address	Government Medical College New Civil Hospital Campus Majura Gate Ring Road Surat-395001	Secretary, Department of Health and Family Welfare, Block No 7, 7 th floor, New Sachivalay, Gandhinagar.	Government Medical College and New Civil Hospital - Surat, Majura gate Ring Road Surat-395001	20 Abhishek Bungalows City light Area, Near petrol pump, Surat.
State	Gujarat	Gujarat	Gujarat	Gujarat
Pin Code	395001	382010	395001	395007
Phone				
(OFF)	0261-2244175 (Dean's Office)	079-23251401	0261-2208373	0261-2208337
(Res)	0261-2244985 (MS Office)	079-23251402	0261-2241025	0261-
(Fax)	0261-2244456-59 (PBX)	079-23251403 Fax: 079-23254653	(PBX)	2241324(PBX)
Mobile No.	---	---	9426736199	9825555387
Email:	dean@gmc Surat.org	sechfwd@gujarat.gov.in	dean@gmc Surat.org	dr_vadel@hotmail.com

B). Particulars of Affiliated University

Item	University	Vice Chancellor	Registrar
Name	Veer Narmad South Gujarat University	Dr. Daxesh Thakar	Shri J.R.Mehta
Address	University Campus, Udhna Magdalla road, Near Vesu Char Rasta, Surat.	Office Of Vice Chancellor, VNSGU, Udhana Magdalla Road, Surat-395007	Office Of Registrar, VNSGU Udhana Magdalla Road, Surat-395007
State	Gujarat	Gujarat	Gujarat
Pin Code	395007	395007	395007
Phone			
(OFF)	0261 2227141 to 2227146	02612227942,02616538802	02612227141to 46
(Res)	02612227312	026112223078	02612227312
(Fax)		9723433985	9825135672
Mobile No.	---		
	info@vnsgu.ac.in	tdaxesh@yahoo.com	

Dr. M. V. Patel
 Professor & Head,
 Biochemist, Email:
 Biochem College,
 Medical Hospital, Surat.

Dr. M. V. Patel
 Signature of Dean/Principal
 GOVT. MED. SURAT.

11/5/13

4. Details of PG courses and their sanctioned intake by MCI:

Department	Course	Sanctioned seats			
		Recognized When	No. of Seats	When	Permitted No. of Seats
Diploma in Anesthesia	Diploma	NA	NIL	1993	08
Diploma in Child Health	Diploma	NA	NIL	1994	08
Diploma in Community Medicine	Diploma	NA	NIL	2004	03
Diploma in Clinical Pathology	Diploma	NA	NIL	1992	08
Diploma in Diabetology	Diploma				
Diploma in Forensic Medicine	Diploma				
Diploma in Health Administration	Diploma				
Diploma in Hospital Administration	Diploma				
Diploma in Health Education	Diploma				
Diploma in Obstetrics & Gynaecology	Diploma	NA	NIL	1995	08
Diploma in Industrial Hygiene	Diploma				
Diploma in Immuno-Haematology and Blood Transfusion	Diploma				
Diploma in Oto-Rhino-Laryngology	Diploma	NA	NIL	1999	01
Diploma in Radio-Diagnosis	Diploma	NA	NIL	2009	02
Diploma in Radio Therapy	Diploma				
Diploma in Medical Virology	Diploma				
Diploma in Occupational Health	Diploma				
Diploma in Ophthalmology	Diploma	NA	NIL	1992	10
Diploma in Orthopaedics	Diploma				
Diploma in Public Health	Diploma				
Diploma in Physical Medicine & Rehabilitation	Diploma				
Diploma in Psychological Medicine	Diploma	NA	NIL	2007	01
Diploma in Radiation Medicine	Diploma				
Diploma in Sports Medicine	Diploma				
Diploma in Tuberculosis & Chest Diseases	Diploma	NA	NIL	2012	01
Diploma in Tropical Medicine Health and Leprosy	Diploma	NA	NIL	2005	02
Diploma - Aviation Medicine	Diploma				
Diploma in Cardiology	Diploma				
Diploma in Microbiology	Diploma				
Diploma in Industrial Health	Diploma				
MD - Anaesthesiology	MD	2010	04	1993	04
MD/MS - Anatomy	MD	2010	02	2007	05
MD - Aviation Medicine/Aerospace Medicine	MD				
MD - Bio-Chemistry	MD	2010	03	NA	NIL
MD - Bio-Physics	MD				
MD - Forensic Medicine	MD	2010	01	1994	03
MD - General Medicine	MD	2010	05	1984	09
MD - Community Health Administration	MD				
MD - Geriatrics	MD				
MD - Hospital Administration	MD				
MD - Health Administration	MD				
MD - Microbiology	MD	2010	01	2007	02
MD - Nuclear Medicine	MD				
MD/MS - Obstetrics & Gynaecology	MD	2010	01	1984	04
MD - Paediatrics	MD	2010	02	1984	04
MD - Pathology	MD	2010	06	1992	04
MD - Dermatology, Venereology &	MD	NA	NIL	2005	

Leprosy							
MD - Pharmacology	MD	2010	01	1992	01		
MD - Physiology	MD	NA	NIL	10	01		
MD - Physical Medicine & Rehabilitation	MD						
MD - Psychiatry	MD	2010	01	2007	01		
MD - Radio Diagnosis/Radiology	MD	2010	01	2009	01		
MD - Radiotherapy	MD						
MD - Social & Preventive Medicine / Community Medicine	MD	2010	02	2008	05		
MD - Tuberculosis & Respiratory Diseases / Pulmonary Medicine	MD	NA	NIL	2012	01		
MD - Immuno Haematology & Blood Transfusion	MD	2010	02	NA	NIL		
MD - Tropical Medicine	MD						
MD - Pulmonary Medicine	MD						
MD - Sports Medicine	MD						
MD - Family Medicine	MD						
MS - Orthopaedics	MS	2010	1	2003	02		
MS - ENT	MS	NA	NIL	1998	02		
MS - General Surgery	MS	2010	04	1989	09		
MS - Ophthalmology	MS	NA	NIL	1992	05		
DM - Neurology	DM						
DM - Rheumatology	DM						
DM - Endocrinology	DM						
DM - Clinical Pharmacology	DM						
DM - Clinical Haematology	DM						
DM - Pulmonary Medicine	DM						
DM - Neuro Radiology	DM						
DM - Nephrology	DM						
DM - Neonatology	DM						
DM - Oncology	DM						
DM - Gastroenterology	DM						
DM - Cardiology	DM						
DM - Clinical Immunology	DM						
DM - Pul. Med. & Critical Care Med.	DM						
DM - Cardiac-Anaes.	DM						
DM - Haematology Pathology	DM						
DM - Medical Genetics	DM						
M.Ch - Cardio Thoracic and Vascular Surgery	MCh						
M.Ch - Neuro Surgery	MCh						
M.Ch - Paediatric Surgery	MCh						
M.Ch - Plastic Surgery	MCh	2010	01	NA	NIL		
M.Ch - Surgical Gastroenterology	MCh						
M.Ch - Surgical Oncology	MCh						
M.Ch - Urology/Genito-Urinary Surgery	MCh						
M.Ch - Endocrine Surgery	MCh						

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PS

PART - I

5. Department inspected: Biochemistry

6. Particulars of HOD

Name: Dr Shaileshkumar Manubhai Patel

Age : 46 years

PG Degree University : MS University
 Institution: Medical College Vadodara
 Year 1995

Total teaching experience (give details)
 1991-1995: Tutor (3 yrs, 6 Mo),
 1995-2000 Asst. Prof (5 yrs),
 2000-2004: Associate Prof (4 yrs 6 mo),
 2004-till date Professor (8 yrs 8 Mo)

a) Purpose of Present Application: Recognizing PG Degree

(For Grant of Permission/ Recognition/ Increase of seats in/ Renewal of-
 recognition/Compliance-Verification)

b) Relevant Background Information of the department:

Date of last MCI inspection of the department: 21-22/01/2010

Purpose of Last Inspection: For Starting the PG Course

Outcome of last Inspection: Granted Permission to start 3 PG Degree
 Quote letter no, and remarks forwarded by MCI after the inspection)
 12012/46/2009/ME-(PII), 21-22/01/2010, GOI, H&FW, Annexure-2

7. Mode of selection (actual/proposed) of PG students.

- 50% of total seats in each specialty:
 The merit list is prepared by 50% of MBBS marks + 50% of PG
 entrance examination conducted by Veer Narmad South Gujarat
 University.
- Merit list is put up before 7 days of interview at college notice board
- 50% of PG seats in each specialty: Through NEET-PG

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8. If course already started, year wise number of PG students admitted and available PG teachers during the last five years.

Year	Names of PG students admitted		Names of recognized PG teachers against whom the students were admitted.
	Degree	Diploma	
2010-2011	Dr. Ketan Mangrukiya	N/A	Dr. Puneet Saxena
	Dr. Nikunj Patel	N/A	Dr. Shailesh Patel
	Dr. Jigar Shaherawala	N/A	Dr. Shailesh Patel
2011-2012	Dr. Ajay Rajput	N/A	Dr. Puneet Saxena
	Dr. Kiran Sodvadiya	N/A	Dr. Shailesh Patel
	Dr. Sarita Mangrukiya	N/A	Dr. Shailesh Patel
2012-2013	Dr. Manisha Kapadiya	N/A	Dr. Shailesh Patel
	Dr. Herat Soni	N/A	Dr. Puneet Saxena
	Dr. Kamal Modi	N/A	Dr. Shailesh Patel

9. Central Library:

- Total No. of Books. 22994
- Books pertaining to Biochemistry 437
- Purchase of latest editions in last 3 years.

Year	Biochemistry Books	Other Books
2010-2011	14	1045
2011-2012	6	474
2012-2013	14	893

- Journals:

Year	Biochemistry Journals	Biochemistry
	Total	
Indian	72	3
Foreign	29	2
Total	101	5

- Year/month upto which Indian Journals available : Current Year
- Year/month upto which Foreign journals available : Current Year
- Internet /Medlar/ Photocopy facilities available/ ~~not available~~ : Available
- Library opening timings: 9 am to 5 pm
- Reading facility out of routine library hours : 24 Hours

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10. Hostel facilities: Accommodation (No. of rooms) available for

	Rooms	Seats
Undergraduates	Boys 136	308
	Girls 86	208
Postgraduates	248	248
Intern	50	100

11. Medical Education Unit (Constitution).

Sr. No.	Name	Staff Structure	Department
1.	Dr. R. Dixit (Dean)	Chairman	Dean GMC Surat.
2.	Dr. Priti Kapadia	Coordinator	Prof. & Head Ophthalmology.
3.	Dr. N. D. Kantharia	Coordinator	Prof. & Head Pharmacology.
4.	Dr. PreetiYadav	Member	Associate Prof. Pharmacology
5.	Dr. MohuaMoitra	Member	Associate Prof. PSM
6.	Dr. Kamlesh Dave	Member	Associate Prof. Psychiatry
7.	Dr. PuneetSaxena	Member	Associate Prof. Biochemistry.
8.	Dr. ArpitaNishal	Member	Associate Prof. Pathology.

Number of meetings of these bodies held annually: 2

Minutes: Annexure-3

12. Central Laboratory (New Civil Hospital Surat Laboratory Services- NCHSLS)

- Controlling Department.- Pathology/Microbiology/Biochemistry
- Working Hours. 24 Hours
- Investigative work load. 4500-5000/Day

13. Central Research Lab.

- Whether there is any Central Research Lab Yes
- Administrative Control Prof. Of Pathology
- Staff: 3
- Equipments: Hemoglobin Variant System(HPLC),
Haematoflorimeter,
Electrophoresis,
Centrifuge,
Binocular Microscope,
Deep Fridge -40
PCR, Gel Documentation unit to be installed
Internet Connectivity

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Civil Hospital, Surat.

Binocular Microscope,
Deep Fridge -40
PCR, Gel Documentation unit to be installed
Internet Connectivity

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Photocopier

- Work load - 90/Day (Solubility test for sickling, HPLC, Heamogram, ZPP, Electrophoresis)

14. Generator Facility:

Available/Not available-

Capacity: 2 machine of 250 KV Functional
 1 machine of 125 KV Functional

15. Recreational facilities:

- Play grounds. Yes
- Gymnasium Yes
- Auditorium Yes (under renovation)

Parels
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Prof. P. P. Parels
 Professor & Head
 Biochemistry
 Medical College And
 Civil Hospital, Surat.

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PART - II (Departmental Information)

Teaching Staff:

S. No.	Designation	Name with Date of Birth	Nature of employment Full time/part time/Hon.	PG QUALIFICATION			<u>Experience</u>				
				Subject with Year of passing	Institution	University	Date wise teaching experience with designation & Institution				
							Designation	Institution#	From	To	Period
1	Professor	Dr Shailesh M Patel, 20-11-66	Full Time	MD, Biochemistry, 1995	MCB, Vadodara	MS University, Vadodara	Tutor	MCB	30-9-91	16-2-95	3Y6M
							Asst Prof	MCB,MCBh	17-2-95	16-2-200	5Y
							Asso Prof	BJMC	17-2-00	15-6-04	4Y4M
							Professor	PDUMCR,GMCS	16-6-04	Till date	8Y10M
2	Asso. Prof	Dr Piyush Tailor	Full Time	MD, Biochemistry, 2007	MCB, Vadodara	MS University, Vadodara	Tutor/Resi	MCB	17-5-04	29-10-07	3Y 5 M
							Asst Prof	GMCS, MCJ, PDUMCR	30-10-07	2-4-2013	5Y 5 M
							Asso. Prof	GMCS	3-4-2013	Till date	6 days
3	Asst. Professor (1)	Dr Mrs Nandita Arbatti	Full Time	Ph.D	GS Medical College, Mumbai	Mumbai University, Mumbai	Res. Off.	ICMR,IRR(Mumbai)	07/12/74	01/06/87	13Y6M
							Asst. Prof	GMCS,MCB,MCBh	03/10/92	Till date	20Y3M
4	Asst. Prof (2)	Dr Manisha Baraiya	Full Time	MD, Biochemistry, 2008	Medical College Vadodara	MS University, Vadodara	Tutor/Resi	PDUMCR, MCB	18-5-04	24-11-08	3Y11M
							Asst Prof	GMCS,PDUMCR	25-11-08	Till date	4Y3M
6	Tutor(1)	Dr Bharti Baxi	Full Time	N/A	N/A	N/A	Tutor	GMCS	17-5-88	Till date	24Y9M
7	Tutor(2)	Dr Archana Gupta	Full Time	N/A	N/A	N/A	Tutor	GMCS	02/11/92	Till date	20Y3M
8	Tutor(3)	Dr Indubhai Damor	Full Time	N/A	N/A	N/A	Tutor	GMCS	05/02/08	Till date	5Y
9	Tutor(4)	Dr Rohan Rana	Full Time	N/A	N/A	N/A	Tutor	GMCS	8/12/11	Till date	1Y 4 M

GMCS=Govt Medical College Surat, MCB=Medical College Baroda, BJMC=B J Medical College Admedabad, MCJ=Medical College Jamnagar, PDUMCR=PDU Medical College Rajkot, MCBh=Medical College, Bhavnagar, IRIR=Institute for research in Reproduction

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1. List of Non-teaching Staff: -

S.No.	Name	Designation
1	Mr. Mahesh Patel	Laboratory Technician
2	Mr. Manharbhai Patel	Laboratory Technician
3	Mr. Sandipbhai Goyal	Laboratory Technician
4	Mr. Shankerbhai Chaudhari	Laboratory Technician
5	Mr. Rameshbhai Patel	Laboratory Technician
6	Miss Krishna Tailor	Laboratory Technician
7	Mr. Shirishbhai Shah	Laboratory Technician
8	Ms Manisha Malkiya	Laboratory Technician
9	Ms Mira Chevariya	Laboratory Technician
10	Ms Trupti Suhagiya	Laboratory Technician
11	Mr. Viresh Patel	Laboratory Technician
12	Mr. Dharmesh patel	Laboratory Technician
13	Mr. Rajan Patel	Laboratory Assistant
14	Mr. Chetan Patel	Laboratory Assistant
15	Mr. Sukhadevbhai Soni	Storekeeper cum Clerk
16	Mr. Dhanshukhbhai Patel	Sweeper
17	Mr. Shaikhbhai	Sweeper
18	Mr. Vajirbhai	Sweeper
19	Mr. Hitesh	Sweeper

2. Teaching facilities:

	Number	Size	Sitting capacity
Seminar Rooms	1	48.72 Sq Mt	15
Demonstration Room	2	49.84 Sq Mt	75 each
		66.64 Sq Mt	

Audiovisual Aids:

Adequate ~~Adequate~~
Multimedia Projector, Television.

3. Departmental Library:

- Total No. of Books 145
- Purchase of latest editions in last 3 years

Year	Latest Edition
2010-2011	14
2011-2012	6
2012-2013	14

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[Signature]

4. Departmental Museum

- Space: 48.72 Sq Mt.
- No. of specimens NA
- Charts/ Diagrams 37

5. Departmental Research Lab.

- Space >150 Sq.Mt.
- Equipment

Erba XL -640	Remi Centrifuges, Carbon brush (2)	Deep Freezer (2)
Electrophoresis (2)	Remi Centrifuges, Brushless (2)	Refrigerator (11)
Ultracentrifuge	Remi Research compfuge (2)	Incubators (2)
Thermocycler	Electronic Multichannel pipette (2)	pH meter
UV Transilluminator	Computers with networking (8)	ELISA Washer
ISE analyzer	Biorad Model-680 ELISA Reader	Vertical Electrophoresis for PAGE
Weighing machine (2)	Magnetic stirrer	Submarine Electrophoresis(2)
Deionization plant (2)	Microplate incubator+shaker	Vertex Mixture
Hot air ovens (3)	Erbachem Chemistry analyzer (3)	Orbital shaker
Mini centrifuge(1)	Manual pipettors(3)	Binocular Microscope

No. of publications from Indexed Non-indexed.
the department during the last three year 7 10

(Original articles=7, Case reports=1, Oral Presentation=3, Posters=6)

6. Office Accommodation:

- Departmental Office
 - Space 15 Sq. Meter
 - Staff (Steno/Clerk). 1
 - Computer/ Typewriter: 1
- Office Space for Teaching Faculty:

Prof. and HOD	32 Sq. Meter
Asso. Prof. / Reader	11 Sq. Meter
Lecturer/ Asst. Professor	33 Sq. Meter
Tutor room	27 Sq. Meter
Resident room	15 Sq. Meter

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Professor & Head
Biochemistry
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Investigative workload

- Year-wise available investigative workload (during previous three years) for the department of Biochemistry).

Parameters / test done	Year 1	Year 2	Year 3
Annexure-7			

7. Equipments:

List of important equipments and their functional status :
All equipments are functional

Erba XL -640	Remi Centrifuges, Carbon brush (2)	Deep Freezer (2)
Electrophoresis (2)	Remi Centrifuges, Brushless (2)	Refrigerator (11)
Ultracentrifuge	Remi Research compfuge (2)	Incubators (2)
Thermocycler	Electronic Multichannel pipette (2)	pH meter
UV Transilluminator	Computers with networking (8)	ELISA Washer
ISE analyzer	Biorad Model-680 ELISA Reader	Vertical Electrophoresis for PAGE
Weighing machine (2)	Magnetic stirrer	Submarine Electrophoresis(2)
Deionization plant (2)	Microplate incubator+shaker	Vertex Mixture
Hot air ovens (3)	Erbachem Chemistry analyzer (2)	Orbital shaker
Mini centrifuge(1)	Manual pipettes(3)	Binocular Microscope

8. Facilities for Practical /Research.

- Details of facilities to carry out theory and practical classes for UG students as per the recommendations of Medical Council of India.
- Demonstration Room- two demonstration rooms (49.84 Sq Mt, 66.64 Sq Mt) (can accommodate 75 students)
- Practical class room- laboratory (190 Sq. Meter) (accommodate 90 students)
- Ante rooms (two) >15 Sq. Meter. Area for technicians
- Departmental library-cum-seminar room > 48.72 Sq. Meter area
- Research laboratory > 150 Sq. Meter area
- Details of facilities to carry out additional classes and practical at PG level.
- Additional classes and practical at PG level are carried out in clinical biochemistry laboratory, endocrine laboratory, immunology laboratory and research laboratory.

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9. Whether the following laboratories are available:
- | | |
|--|------------------------------|
| Clinical Biochemistry Lab. | Yes/No |
| Endocrine Lab. | Yes/No |
| Immunology Lab. | Yes/No |
| Departmental animal house facility
(pharmacology) | Yes/No (shared with dept. of |

- 10 Training/Technical Staff for maintaining the following facilities.

- | | |
|--|----------------|
| Animal House available | Yes Annexure-4 |
| CPSEA guidelines | Followed |
| Technology used to minimize animal experiments | Computer |
| Equipment maintenance | |

Biomedical Engineer: Ms Khyati M9898015011
 Workshop Technicians: Bhupendrabhai,
 Gulabbhai

All major equipments are under yearly comprehensive maintenance contracts

- Hospital Services
- The department runs 24 hrs clinical chemistry services.
- Posting in Hospital Biochemistry laboratory/Emergency laboratory
- Residents are posted in Biochemistry laboratory/Emergency laboratory.
- Posting in clinical departments (Horizontal and Vertical training)
- Residents are posted at Pathology and Microbiology department for one month each.
- Residents are posted at Medicine, Surgery, Pediatrics, Obs & Gynec department for 15 days each.

- 11 Brief details regarding Applied Biochemistry :

- Facilities available for training in Applied Biochemistry:
- All residents are posted at hospital clinical biochemistry laboratory for training in applied Biochemistry
- Facilities available for training in other selected subjects:-
- Residents are posted at Pathology and Microbiology department for one month each.

12. Technical Support:-

Trained technical staff is available for assisting PGs in PG practical and research.
 Following staff is for assisting PGs in PG practical and research

S.No.	Name	Designation
1	Mr. Mahesh Patel	Laboratory Technician
2	Mr. Manharbhai Patel	Laboratory Technician

13. List of publications from the department during the last 3 years in indexed and non-indexed journals.

- 1 Patel SM, Shaherwala JG, Patel NR, Mangukhya KK, Sodvadiya KB, XML Schema for Writing ISO 15189:2007- Compliant SOPs For Clinical Laboratory Examinations. NJIRM.2012
- 2 Patel SM, Patel NR, Mangukhya KK, Shaherwala JG, Mangukhya SJ, Rajput AR, et al. Development and Implementation of Autoverification algorithm for observed values of examination in clinical chemistry. JEMDS.2013 FEB; 2(7/18):782-94.
- 3 Patel SM, Purohit MB, Purohit TM, Doharia RD, Electrophoresis Pattern In Clinically And Hematologically Suspected Cases Of Haemoglobinopathies. NJIRM 2012; Vol. 3(3). Jul-Aug
- 4 Saxena P, Mangukhya KK, Shaherwala JG, Patel NR, Rajput AR, Sodvadiya KB, Comparison of alternate glycolysis inhibitors with fluoride for preservation of blood for glucose and other common clinical chemistry examinations. accepted for publication in NJIRM.2013 APR
- 5 Tailor PB, Shah CJ, Upadhyay NU, Patel SM, Establishment of reference range for lipid profile in healthy newborn, infant and low birth weight newborn in Indian population. JSPI 2012 Jul - Aug; 1(4):34-36
- 6 Tailor PB, Chauhan AP, Joshi RM, Bhabhor P, Evaluation of serum homocysteine as an independent risk factor for myocardial infarction in young patient. NJIRM .2012 Oct - Dec; 2(4):423-6
- 7 Tailor PB, Chauhan AP, Mehta MM, Joshi RM, Bhabhor P, Study of myocardial involvement and lactic acid production in perinatal asphyxia. NJIRM.2013 Jan - Mar; 3(1):76-9
- 8 Mangukhya SJ, Patel SM, Shaherwala JG, Patel NR, Mangukhya KK, Modi KR. A case of dermatomyositis with high calcium discharge from skin nodule, NJIRM 2013 Mar- Apr.
- 9 Rajput AR, Patel SM, Saxena P, Patel NR, Mangukhya KK, Shaherwala JG, Mangukhya SJ, Evaluating effect of Ultracentrifugation on Routine Biochemistry Analyses in Lipemic sample. AMBITRY-2011, 19th national annual conference of AMBI, Tiruchirappalli; 2011; 15th - 18th Dec.
- 10 Kapadiya MP, Patel SM, Rajput AR, Mangukhya SJ, Soni HD. Costing of plasma Glucose examination at clinical chemistry laboratory of a tertiary care centre. Symposium-2013, "State of the art" the science of electrolytes in body fluids- recap, current clinical aspects and future explorations; at Department of Biochemistry, GMERS Medical College, Sola, Ahmedabad; 2013; 2nd Mar.
- 11 Soni HD, Kapadiya MP, Patel SM, Rajput AR, Mangukhya SJ. Use of Hoffmann technique to determine reference range of CKMB from hospital patient clinical laboratory data. Symposium-2013, "State of the art" the science of electrolytes in body fluids- recap, current clinical aspects and future explorations; at Department of Biochemistry, GMERS Medical College, Sola, Ahmedabad; 2013; 2nd Mar.
- 12 Sodvadiya KB, Patel SM, Shaherwala JG, Modi KR. Root Cause Analysis as a tool for prevention of non-conformance - an NABL perspective. 1st BIOCON-2013, 1st International CME & Conference on clinical biochemistry and genetics, Department of Biochemistry, Govt. Medical College Bhavnagar; 7th & 8th Feb, 2013
- 13 Shaherwala JG, Sodvadiya KB, Patel SM, Modi KR. Use of Hoffmann technique to determine reference range from hospital patient clinical laboratory data, 1st BIOCON-2013, 1st International CME & Conference on clinical biochemistry and genetics, Department of Biochemistry, Govt. Medical College Bhavnagar; 7th & 8th Feb, 2013

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S. M. Shaherwala

- 14 Mangukya SJ, Patel SM, Rajput AR, Soni HD, Kapadiya MP. Clinician's perception of critical value for various clinical chemistry examinations. Symposium-2013, "State of the art" the science of electrolytes in body fluids- recap, current clinical aspects and future explorations; at Department of Biochemistry, GMERS Medical College, Sola, Ahmedabad; 2013; 2nd Mar.
- 15 Rajput AR, Mangukya SJ, Patel SM, Soni HD, Kapadiya MP Mirroring of sample positions in microtitre plate as a method to reduce effect of variation in incubation period of samples in ELISA. Symposium-2013, "State of the art" the science of electrolytes in body fluids- recap, current clinical aspects and future explorations; at Department of Biochemistry, GMERS Medical College, Sola, Ahmedabad; 2013; 2nd Mar.
- 16 Patel NR, Mangukya KK, Sodvadiya KB, Patel SM, Saxena P Glyceralddehyde as blood preservative for plasma glucose measurement-A comparison with fluride, 38th Annual Conference of Association of Clinical Biochemist of India, JCB Indian Journal of Clinical Biochemistry, ACBICON 2011; 4-6 Dec.
- 17 Patel NR, Mangukya KK, Sodvadiya KB, Patel SM, Mangukya SJ Analysis of causes of non-conference at biochemistry Laboratory of new civil hospital surat with referance to IS/ISO:15189 and NABL standers: A pilot study. 38th Annual Conference of Association of Clinical Biochemist of India, JCB Indian Journal of Clinical Biochemistry, ACBICON 2011; 4-6 Dec.
14. Any submission of data to national authorities, if applicable
15. Any other information: N/A

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 ગો. મે. કોલેજ, સુરત.

Rajiv
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 SURAT.

Rajiv

PART III

POSTGRADUATE EXAMINATION (only at the time of recognition of course)

1. Minimum prescribed period of training : 3 years
2. Minimum prescribed essential attendance : 80 %
3. Periodic performance appraisal done or not? : Yes, done
4. Details of examiners appointed by Examining University. Annexure-5
5. Whether appointment of examiners & conduct of examination as per prescribed MCI norms or not? : Yes

Question Papers: Annexure-15 (Theory),
Annexure-16 (Practical)

6. Standard of Examination : As per MCI guidelines
7. Examination result (last 5 years). NA, first time

S. M. J. K. S.
Prof. & Head
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Signature of Assessor

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08/5/12

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