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MEDICAL COLLEGE: BARODA

MISSION OF THE COLLEGE:

- To empower students for state of the art
 - Appropriate community based general practice
 - Clinical practice with accurate and advanced knowledge
 - Managerial and clinical skills for the national programs
- At the end of the graduation: Students should be able to
 - Do general practice with holistic approach with complete understanding of human behavior
 - Independently run all the health programs at PHC level besides clinical care and tackle for disasters and epidemics as they arise

HISTORY AND INTRODUCTION OF MEDICAL COLLEGE:

Few places in India have such variegated spectrum of attractions as Vadodara. Envisaged by the late His Highness Sir Sayajirao Gaekwad III as a seat of learning for tourists it is also a city of gardens and palaces. The student community has its eye on its magnificent University and its constituent educational institutions. One such institution is The Medical College and S. S. G. Hospital Vadodara. The late Maharaja of Baroda Major General His Highness Sir Pratapsingh Gaekwad laid the foundation stone of this medical college in Jan 1946. Due to untiring efforts of DR. Jivraj Mehta the then Advisor to Government of India and Bombay State on Baroda matters, the ground floor was completed in 1949. Dr. M. D. D. Guildler, Health Minister of Bombay State, inaugurated it on 16th June 1949 and the first batch of 40 students started their career. For initial development, the

institute was entrusted to Late D. A. N. Deodars - the first Dean and Medical Superintendent of S. S. G. Hospital. The first final M. B. B. S. examination was held in April 1954. The Medical Council of India and General Medical Council of Britain recognized the degree awarded. The illustrious ruler of Baroda Late Sir Sayajirao Gaekwad III initiated medical aid to the public of Baroda by starting a few bedded hospital - Dufferin hospital at Varasia in 1865. That hospital was later expanded to the present S. S. G. Hospital with capacity of 1500 indoor admissions.

As Baroda changed its status from lethargic and beautiful “Pensioners Paradise” to “Industrial City” with Gujarat Refinery and Gujarat State Fertilizer Company coming up, Medical College and S. S. G. Hospital Baroda, also showed changes in terms of input of students, addition of departments, increase in facilities and bed strength. Now the medical college houses the departments of Medicine, S. P. M, Microchemistry, Physiology, Anatomy, Pathology, Microbiology, Pharmacology, Forensic medicine, blood bank, genetic laboratory and ayurvedic research unit. Encircling the main college buildings there are separate buildings which house postmortem room, the physiotherapy college, departments of Surgery, Pediatrics, Orthopedic, Skin & V. D., Psychiatry and Obstetrics and Gynecology, radiology, radiotherapy and Urology.

COURSES OFFERED:

Presently every year 180 under graduate students are admitted. This college provides post graduate courses like M.D. in Physiology, Pathology, Microbiology, Pharmacology, and Obstetrics & Gynecology, Medicine, Psychiatry, Radiology, and M.S. in General Surgery, Anatomy, E. N. T, Ophthalmology, Orthopedics and M.Ch. in Plastic Surgery. In addition Diploma courses in Anesthesiology, E. N. T, Pediatrics, Obstetrics & Gynecology, Skin & V. D, Clinical Pathology, Medical Radiology, Ophthalmology and M. Sc. courses for non-medical students in Pharmacology, Microbiology, Bio-chemistry, Anatomy, Physiology. All pre-clinical, para-clinical and clinical departments are recognized for Ph D. programmes.

Admissions:-

15% AIEE, 49% Reservation for S.C., S.T, SEBC, 2% Handicapped

Rest from Gujarat Board and CBSE as per merit calculated from marks obtained in XII Board examination every student admitted has to furnish bond of 2 years rural, Service Rs. 75,000/-

Medical College:-

1 st M.B.B.S.	Anatomy Biochemistry Physiology P. & S. M.	1 yr duration (1 st and 2 nd semester)
2 nd M.B.B.S.	Pathology Microbiology Pharmacology Forensic medicine P. & S.M.	1-1/2 yr duration (3 rd , 4 th , 5 th Semester)
3 rd M.B.B.S.	Medicine and allied Subjects Surgery and allied Subjects Obstetrics & Gynecology Pediatrics P. & S. M.	2 yr duration (6 th , 7 th , 8 th , 9 th , semester)

From 2nd M.B.B.S. i.e. 3rd semester, postings in clinical branches are done for a total of 142 weeks. In 7th semester (3rd M.B.B.S. part – I) examinations in E.N.T., Ophthalmology, and P.S.M. subjects are conducted.

Passing in 2nd M.B.B.S is essential for appearing in Part 1- 3rd M.B.B.S and passing in part- I of 3rd M.B.B.S. is essential for appearing in part- II of 3rd M.B.B.S. This part includes Medicine, Surgery Orthopedics, Pediatrics and Obstetrics & Gynecology. This is followed by one year of rotating internship divisible in 3 months in medicine and allied subject, 3 months in surgery and allied subjects, 3 months in Obstetrics & Gynecology and 3 months in a rural health center.

Internal markings system is in vogue since inception in theory and practical & ward duties.

CURRENT RESEARCH PROJECTS

- W. H. O. supported:
 - Adolescent Friendly Health Care Provision
- UNICEF Supported:
 - Adolescent Anemia Control Program:
- UNFPA supported:
 - Client & Provider's Perspective for Injectable Contraceptive:
- M. I. Supported:
 - Fortified food intervention in Three districts
- Government of Gujarat Supported:
 - Tobacco use among slum dwellers
 - Diabetes and Hypertension studies for Sachivalya Empolyees

Research Projects Recently Completed

UNICEF

- Baseline study of anemia program to measure anemia prevalence in secondary and higher secondary schools.
- Measles Elimination Program of Urban slums for Vadodara district being technically guided and monitored.
- Multi Indicator Cluster Study
 - for Vadodara slums
 - Earthquake affected area
- Impact evaluation of district adolescent girls anemia program

Research Projects Recently Completed

ICMR

- Vasectomy Promotion (Multi-centric study)
- A cross sectional study to detect and measure the association of high fluoride content in drinking water and prevalence of fluorosis and dental caries in Baroda district villages

POPULATION COUNCIL:

- Health seeking behavior and perception in pelvic inflammatory disease patients attending Shree Sayaji General Hospital Vadodara, India

- Besides these there are projects undertaken by individual departments shown under the information related to these departments.

OTHER EXTENSION ACTIVITIES:

- MCH Course: Indira Gandhi National Open University
- Teaching Epidemiology to Masters course at National Institute of Nutrition
- Advisor to
 - Vadodara Municipal Corporation
 - Health Dept of Government of Gujarat
 - National Nutrition Monitoring Bureau
- Global Network of Environment Epidemiology
- Contribution to Other Faculty teaching:
 - Technology (Public health and environment health),
 - Nutrition,
 - Social work faculty

- Women's Health Study Center,
- Geography,
- Local Self Government

PARTNERS IN PROGRESS:

The test of our progress is not judged by what we add to the already existing abundant but is judged by our providing enough for those who have too little. Illustrious Sir Sayajirao Gaekwad III with this in mind provided the buildings and land for S. S. G. Hospital. In 1963, W.H.O. selected Medical College, Baroda the only institute in Gujarat for uplifting Medical Education in collaboration with University of Edinburgh U.K. This was for exchange of technical know-how. This got completed in 1968 benefiting both the institutions. During this period in 1964, Shri Amrutlal Mehta donated funds Rs. 1, 00,000/- for starting a school of physiotherapy whose syllabus was updated by WHO experts. DR. T. V. Patel one of the past teachers of this college, donated funds to the tune of Rs. 35 lacs for construction of a library for medical students and staff members. Shri Jitendra Zaveri of Jivan Akshay trust a dynamic philanthropic individual came forward and donated large funds for making an ultramodern NICU and PICU for the department of pediatrics. In 1998 the project Holy Care was launched under leadership of Shri Yogesh Patel - MLA, Shri Piyushbhai Shah of Surya Palace Hotel, Shri Haren Patel representing the Satyam Shivam Sundaram Samiti and the alumni of Medical College Baroda from North America with the Government of Gujarat undertook a huge project to renovate various wards of S. S. G Hospital so that they become better as regards sanitation was concerned and more comfortable as regards facilities were concerned. The project will continue till 2005.

The Alumni of Medical College Baroda which is spread all over the world has been able to establish their worthiness professionally and have shown their love for their alma mater. They have donated funds for computerization, scholarships for students and staff, renovation of the entire medical college building, construction and housing facilities for the radiotherapy unit, upgrading library facilities by donating books and journals, improving teaching methods by donating models in the anatomy department and mannequins for practicing various life saving procedures. Their donations are amounting to a near 20 million rupees. Those who speak most of progress measure it by quantity and not by quality. The aim of the alumni is to improve the quality by helping in arranging CME's for staff and students of Medical College.

Last but not the least the most active in our progress has been Govt. of Gujarat to which this institute belongs to a positive and progressive attitude of the Govt. of Gujarat has encouraged & helped us in achieving our goals in a big way.

THE ADMINISTRATION:

Since its inception a well-gearred administrative machinery keeps this huge institution functioning and vibrant.

Teaching Staff:

Headed by The Dean, this college has 38 professors, 66 associate Professors, 138 assistant Professors and 76 tutors. This brings the total teaching staff to 318. More than 80% of these post always remain filled up on any given day, thereby maintaining the high standards required for any medical teaching set by Medical Council of India.

Non-Teaching Officers:

This Medical College also has 4 biochemists, 2 Radiographers, and an epidemiologist, a pharma-chemist, a veterinary officer and an administration officer. These officers lend their mite to keep the working at a high level.

Other administrative posts:

There are 116 administrative and 193 paramedical /technical personnel on the scroll of the medical college. They are involved in various administrative requirements of the college.

Grants & Expenditure:

This college receives grants from the Government of Gujarat through the department of Medical Education under the ministry of Health & F.W. This is disbursed under two heads A) Plan Grant and B) Non-Plan Grant. Under plan grant, this institution receives 3,63,31000 Rs. annually. It receives 97,805,000 as non-plan grant. This latter grant is used for salary and allowances, materials & supply, office expenses, stipends, etc. In spite of such huge financial provision the college still falls short of adequate funds for new research and development activities.

Equipment & Instruments:

In all 134 different mechanical, electrical and electronic equipments are operating in the medical college. This does not include ones, which are in the hospital. All of these are in working condition. These include projectors, photo-copying machines, facsimile machines, computers, audio visual aids, water coolers, air conditioners, advanced microscopes, etc. Regular maintenance and upgradation activates are operational for these equipments.

Thus robust administrative machinery with well-staffed teaching, and non-teaching staff keeps the running wheels of this college well oiled and vibrant.

THE DEAN: MEDICAL COLLEGE, BARODA

DR. KAMAL J. PATHAK

Basically a Professor of Medicine, he is teaching in the department of Medicine since 1975. He headed the department for 18 years, was the Dean of the faculty of Medicine for the period 1996-98. He became Medical Superintendent of S. S. G. Hospital for the period 1998 up to 12th June 2003 and since then he is the Dean Medical College, Baroda. He has 62 publications in national and international medical journals and was the recipient of The Commonwealth Medical Fellowship in respiratory medicine at the U.K. in 1985-86.

HIS MESSAGE

Founded on 16th June 1946 Medical College, Baroda is a premier medical institution and has over the years produced the best of the medical graduate and postgraduates. Well known for her academicism and high standards of medical education, it is my fondest wish that with our untiring efforts, over next 10 years, my alma mater reaches amongst the top ten institutions of our country.

VADODARA (BARODA)

History

Modern Baroda is a great and fitting memorial to its late ruler, Sayaji Rao Gaekwad III (1875-1939 AD). It was the dream of this able administrator to make Baroda an educational, industrial and commercial centre and he ensured that his dream would come true.

Baroda is situated on the banks of the river Vishwamitri (whose name is derived from the great saint Rishi Vishwamitra). The city was once called Chandravati, after its ruler Raja Chandan, then Viravati, the abode of the brave, and then Vadpatra because of the abundance of banyan trees on the banks of the Vishwamitri. From Vadpatra it derived its present name Baroda or Vadodara.

Baroda has a rich historical background. The ardent historian can trace Baroda's history over 2000 years and more. However, the recent threads can be picked up when the Mogul rule over the city came to an end in 1732, when Pilaji brought the Maratha activities in Southern Gujarat to a head and captured it. Except for a short break, Baroda continued to be in the hands of the Gaekwads from 1734 to 1949.

The greatest period in the Maratha rule of Baroda started with the accession of Maharaja Sayajirao III in 1875. It was an era of great progress and constructive achievements in all fields.

Maharaja Sayajirao was one of the foremost administrators and reformers of his times. He initiated a series of bold socio-economic reforms. He attached great importance to economic development and started a number of model industries to encourage initiative, and then handed back the working industries to private enterprise. He started model textile and tile factories. It is as a result of his policy of industrial development that Baroda is today one of the most important centres for textile, chemical and oil industries today. He introduced a number of social reforms. In no department of administration has the far-sighted policy of this wise ruler been more conspicuous than in education, and in none have the results been more real and tangible. He boldly introduced compulsory primary education and a library movement (the first of its kind in India) to augment his adult education scheme.

It was he who visualized a general scheme of development in all branches of knowledge at different stages, with the Maharaja Sayajirao University of Baroda at the apex. Modern Baroda owes its beauty, its educational institutions and its masterpieces of architecture to the insight and vision of this great ruler.

There is a saying that nothing grows under the banyan tree, but this is not true of Baroda. Having witnessed the rise and fall of the empires and kingdoms of the Hindus, Pathans, Moguls and Marathas, it now occupies a unique position on the educational, cultural and industrial map of India. Yet, it has been fortunate enough to retain the beauty of its rich and varied past. And it is one of the few cities in India, which is still influenced by the lost might of its ruling dynasties.

The People & Culture

The people of Baroda like to tell visitors that their city is a 'Sanskari Nagari', that is, a 'cultured city'. By and large, the visitors agree. The city does indeed have rich cultural traditions. And today's Barodians have quite a full and hectic cultural life throughout the year.

The outstanding trait about Baroda's cultural life is that it is remarkably cosmopolitan. And while there are hundreds of different identities, everyone participates in all activities. So, the culture of the city is not just history or heritage; it is dynamic, ever changing and alive.

Yes, Baroda is one of India's most cosmopolitan cities. Thanks to the vision and broadmindedness of the Gaikwads, the subsequent industrialization, the proliferation of academic activities and a strategically important

geographical location, Baroda has welcomed a wide variety of people from all over India and also from all over the world.

More or less every Indian community has an active identity in this city. And this happy co-existence is reflected in the social and cultural life of the people. In all of this, the sprawling and cosmopolitan MS University campus and the large number of local, national and foreign industries act as a catalyzing and unifying force.

The average Barodian is open to the world and overflowing with hospitality, as the history and growth of the city aptly testify.

If you want to see Baroda's cultural enthusiasm, you should visit this city during any festive occasion Navratri, Diwali, Ganesh Chaturthi, Id, New Year, Uttarayan, Holi, campus fun fairs, etc. On any given day, some cultural activity or the other is going on in the city. Classical music and dance have their patrons, and so does the modern stage and pop culture. The culture and the traditions are both alive and being forever experimented with.

Can you expect anything less from a city that is blessed by its geography and its history, which is the home of a vibrant internationally renowned university and which is a key component of India's industrial base? The people of Baroda have not only hung on to the cultural heritage, they embellish it as they exuberantly go on with their daily lives.

The official language of Gujarat is Gujarati, but Hindi, Marathi and English are also widely used in Baroda. State and local government offices in the city use both Gujarati and English, Central government offices use English and Hindi and industrial and commercial organizations use English. The medium of instruction at the Maharaja Sayajirao University of Baroda (MSU) is English. The medium of instruction in the city's schools varies Gujarati, Marathi, Hindi, English, etc.

The cultural life is of course in many languages. And on the streets, in the markets and at other public places you can hear 'AKHA INDIA' (the whole of India).

Industry & Commerce

Baroda enjoys a special place in the state of Gujarat. Till the early 1960's Baroda was considered to be a cultural and educational centre. The first modern factory (Alembic Pharmaceuticals) was established in Baroda in 1907 and subsequently companies such as Sarabhai Chemicals, Jyoti, etc., came up in the 1940s. By 1962 there were 288 factories employing 27510 workers. At that time, the dominant industrial groups were chemicals and pharmaceuticals, cotton textiles and machine tools.

In 1962, Baroda witnessed a sudden spurt in industrial activity with the establishment of Gujarat Refinery. Several factors like raw material availability, product demand, and skillful mobilization of human, financial and material resources by the government and private entrepreneurs have contributed to Baroda becoming one of India's foremost industrial centres.

The discovery of oil and gas in Ankleshwar and North Gujarat led to the industrial development of Gujarat in a big way. The Baroda region is the largest beneficiary in the process of this industrialization. Gujarat Refinery went into the first phase of production in 1965. The refinery being a basic industry made vital contributions on several fronts at the regional and national levels.

In Baroda various large-scale industries such as Gujarat State Fertilizers & Chemicals, Indian Petrochemicals Corporation Limited and Gujarat Alkalies and Chemicals Limited have come up in the vicinity of Gujarat Refinery and all of them are dependent on it for their fuel and feedstock. Other large-scale public sector units are Heavy Water Project and Gujarat Industries Power Company Limited. In addition to these public sector enterprises, a number of other large-scale enterprises have come up in the private sector. The products of these industries have wide applications in various sectors of the Indian economy.

The establishment of large industrial units in a region automatically brings into existence a number of smaller enterprises. Baroda is no exception and the city and the surrounding areas are today humming with industrial activity.

The industrialization of Baroda has attracted entrepreneurs not only from Baroda but also from all over Gujarat and India. A large number of the entrepreneurs come with sound business backgrounds and the level of education and technical skills is exceptionally high.

Education

Baroda is synonymous with education. The patronage of education started with Maharaja Sayajirao and the city has built further on the academic infrastructure established by him.

The present educational foundation rests on over 20 public schools and over 100 private schools. Towering benevolently over all is the Maharaja Sayajirao University, the jewel in the Baroda crown, so to speak. MSU is the only university in Gujarat with English as the medium of instruction. It has 13 faculties and 17 residential hostels, 4 of them for women students. The university caters to over 30,000 students.

Statistics

The city is on the major rail and road arteries joining Mumbai with Delhi and Mumbai with Ahmedabad. Because of this Vadodara is known as a 'Gateway to the Golden Corridor'. National Highway No. 8 passes through the city. All super-fast and express trains halt at Vadodara Railway Station. Vadodara also has an airport that is very well connected with the other major airports of India.

Public transport vehicles within the city include buses, auto-rickshaws and taxis. There are a few private bus services too. Of course, there are many people who use their own vehicles – cars, scooters, motorcycles and bicycles. Private taxis are also available.

Area: 108.22 sq. km.

Altitude: 35.5 Mts. Above Mean Sea Level.

Latitude: 22 deg 17' 59'' North

Longitude: 73 deg 15' 18'' East

Distance from Mumbai: 442 Km

Distance from Delhi: 1039 Km

Distance from Ahmedabad: 120 Km

Pucca Roads: 1500 Km

Kutchcha Roads: 400 Km

Total Roads: 1900 Km

Winter Temperature: Max 31 °C, Min 11 °C

Summer Temperature: Max 45 °C, Min 24 °C

Rainfall (mid-June to mid-September): 931.9 mm

Population

1961: 298,398

1971: 467,487

1981: 734,473

1991: 1,031,346 (males 53%; females 47%)

1995: 1,200,000 (approx.)

1998: 1,400,000 (approx.)

2001: 1,500,000 (projected)

2011: 2,100,000 (projected)

Number of households: 213,540

Population density: 9,527 per sq km

Literacy: 71.11% of total population (males 76.21%; females 65.41%)

Motorized vehicles: 300,000

Election Wards: 26

Seats (Corporators): 78

Population per ward: 31,122.50

Seats reserved for women: 26

Total voters (as on 17-1-97): 809,185

INDIVIDUAL DEPARTMENTS

1. Anatomy
2. Anesthesiology
3. Biochemistry
4. Dentistry`
5. E.N.T.
6. Forensic Medicine
7. General Surgery
8. Medicine
9. Microbiology
10. Obstetrics and Gynecology
11. Ophthalmology
12. Orthopedics
13. P. & S. M.
14. Pathology
15. Pediatrics
16. Pharmacology
17. Physiology
18. Plastic Surgery
19. Psychiatry
20. Radiology
21. Radiotherapy
22. Skin and V. D.
23. Tuberculosis and chest diseases

DEPARTMENT OF ANESTHESIOLOGY

FIRST HEAD OF DEPT.: DR. Parulkar

PRESENT HEAD OF DEPT:

NAME : DR. (Mrs.) V. N. Swadia
ADDRESS : L / 1 Doctors' Quarters,
BARODA.
PH No : 0265 - 2423166
E-MAIL : swadiaz@hotmail.com
CELL PHONE NO : ---

<u>STAFF PATTERN</u>	<u>NOs.</u>
• PROFESSORS.....	2
• ASSOCIATE PROFESSORS....	4
• ASSISTANT PROFESSORS....	12
• TUTORS.....	9

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- Diploma in anesthesiology [D. A.]
- Doctor of medicine in anesthesiology [M. D.]

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- M. D. -- 9 / Yr.
- D. A. -- 9 / Yr.

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

Units : Working in anesthesia department is as a whole with no units
Functional areas : Various surgical O.T.s like general surgery, laparoscopic surgery, neurosurgery, E.N.T, orthopedics, trauma, cardiothoracic surgery with I.C.U., gynec., Labour room, P. P. O. T, ophthalmology O. T., casualty recovery room and the like
Laboratories (speciality) : NIL
Speciality clinics : Labour analgesia, Post op. & chronic pain relief.
Extension Activities : Surgical camps like Leprosy camps
Radio diagnostic & therapeutic product
Disaster management & Resuscitation
Rural health services

Teaching in the Department:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Staff	20 / term	6 / term	26 / term
Clinic	Staff	24 / month	4 / month	144 / term
Journal club	Staff	—	1 / month	6 / term
Seminar	Staff	—	7 / week	40 / term
Presentation by Students	—	—	4 / month	20 / term

- Any other:
- 1)) Preparing PG Students for Scientific presentation at State & National level conferences – as well as medical quiz.
 - 2) Guiding P.G. Students as well as staff members for scientific paper publications in various national & international journals.

Research:

(1) Project completed till date:

TITLE	DURATIO N OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1. Clinical Study of Rocuronium: New Muscle Relaxant	1 yr.	Organon
2. Clinical Study of Sevoflurane	3 yrs.	Abbott
3. Evaluation of Midazolam	3 yrs.	---
4. Evaluation Fentanyl	1 yr.	---
5. Clinical Evaluation of Propofol	2 yrs.	---
6. Thoracic Epidural In breast surgery	2 yrs.	---
7. Walking Epidural for Labour Room	2 yrs.	---
8. Patient Controlled analgesia	3 yrs.	---
1) Difficult Intubation	2 yrs.	---
2) Laryngeal Mask Airways	3 yrs.	---

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Chr. Pain relief by sym. Block	1 yr.	---
2) Clinical Epidural analgesia	1 yr.	---
3) Evaluation of cleofol	6 months	---
4) Clinical study of newer analgesic - Cox2 Inhibitor	6 months	---
5) Clinical Study – Butarphenol	6 months	---

(3) Projects proposed: Pain Clinic

- Community services provided by the department:

- 1) Earthquake relief services.
- 2) Leprosy - Non stop workshops
- 3) Specialist services CHC for reducing maternal & child mortality.

DEPARTMENT OF BIOCHEMISTRY:

FIRST HEAD OF DEPT.: PROF. M. L. PAI

PRESENT HEAD OF DEPT.

NAME : DR.(MRS.) R. M. SHAH

ADDRESS : CHAROTAR SOCIETY,
OLD PADRA ROAD,
BARODA

PH No : 0265 - 2313343

E-MAIL : --

CELL PHONE NO : --

STAFF PATTERN

NOs.

- PROFESSORS..... 1
- ASSOCIATE PROFESSORS.... 3
- ASSISTANT PROFESSORS.... 2
- TUTORS..... 6

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- M.D. (Biochemistry)
- M.Sc (Medical Biochemistry)
- Ph.D. (Medical Biochemistry)
- Laboratory Technician Training Course

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- M.D. (Biochemistry) ----- 1
- M.Sc. (Med. Biochemistry) ----- 4
- Ph.D. (Med. Biochemistry) ----- 1
- Laboratory Technician Training Course ----- 5 - 10

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

Units : --

Functional area : Same as Laboratories

Laboratories (speciality) : 1. Clinical Chemistry Laboratory
2. Undergraduate Biochemistry Laboratory
3. PG Laboratory

Speciality clinics : Clinical Chemistry Lab. at New Trauma Centre

Extension Activities : Biochemistry is a part of team during out break of epidemics,
(Community services) natural calamities like earth-quakes, etc.

Teaching in the Department:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Prof., Asso. Prof., Asst. Prof., Tutor	1 st M.B.B.S 2 nd B.Physio.	M.D. (Bio.) M.Sc. (Med. Biochemistr y)	Approx 160 / term
Biochemistry Practical	Tutors	1 st M.B.B.S		Approx 160 / term
Journal club				
Seminar			M.D. (Bio.) M.Sc (Med. Biochemistr y)	Approx 10 / term
Presentation by Students			M.D. (Bio.) M.Sc (Med. Biochemistr y)	Same

PATTERN OF EVALUATION

(A) Internal Evaluation

UG 1) 1st M.B.B.S. - 2 Credit tests in both theory and practicals.

2) 2nd B-Physiotherapy -2 Credit tests and one prelim in Biochemistry Theory.

PG M.Sc. (Medical Biochemistry) Part - I :

2 credit tests & one prelim in theory

M.Sc. (Medical Biochemistry) Part – II:

Daily work seminar Dissertation work

M.D. (Biochemistry):

Assignments

(B) University Examination:-

1) Annual Undergraduate Exam:

1st M.B.B.S.

2nd B. Physiotherapy

2) Postgraduate Exam:

M.D. (Biochemistry), M.Sc. (Medical Biochemistry)

3) Government Laboratory Technician Training Course:- Exam Theory & Practical

Terminal Exam:- Marks	Theory	Practical
1 st M.B.B.S.	60+80=140	60+80=140
2 nd B. Physiotherapy	$\frac{35}{I} + \frac{35}{II}$	

Internal Credit Marks.

1st M.B.B.S. (A) Theory out of 20
Practicals out of 20

External (University) Exam.

(B) Uni. Theory 80, Practical 20

Total : Biochemistry Theory 100 mark Practical 100 marks.

• For UG students:

- (1) Conducting written, oral & practical examinations at the end of each term (i.e. three internal tests including prelim examination).
- (2) Conducting MCQs (Total 180) for every topic covered in the lecture (i.e. 9 topics).
- (3) 20% of internal marks are calculated as follows:
 - (a) Theory (Total 20 marks): Out of which 15 marks from the theory examinations (i.e. papers) considering the marks of the prelim examination + the better of the two tests and 5 marks from the MCQs.
 - (b) Practicals (10 marks): Considering the marks of all the three orals & practical examinations.

• For PG students:

- (1) Conducting written examination for each topic after completion of tutorial & discussion.
- (2) Conducting oral/viva after completion of the practicals.
- (3) Evaluation by giving unknown/test drugs during practicals.

DEPARTMENT OF DENTISTRY

FIRST HEAD OF DEPT.: DR. R. C. DIWANJI (HONORARY)

PRESENT HEAD OF DEPT.

NAME : DR. U. MAZUMDAR
 ADDRESS : D-56, KABIR COMPLEX,
 BARODA
 PH No : 0265 - 2642009
 E-MAIL : --
 CELLPHONE NO : --

STAFF PATTERN

NOs.

- PROFESSOR..... 1
- ASSOCIATE PROFESSOR.... 1
- ASSISTANT PROFESSORS.... 1
- TUTORS..... 2

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

No separate course

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

NIL

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units: 1 (One)
Functional areas and laboratories: 1 Prosthetic Dentistry
Speciality clinics: Oral surgery, Crown + Bridge, Orthodontics
Extension Activities: Attending camps
Teaching in the Department: 1hr clinical lecture / every day per batch
No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture			--	
Clinical	Prof. Asso. Prof. A.P.	4	--	Per batch
Journal club		--	--	
Seminar		--	--	
Presentation by Students		--	--	

PATTERNS OF EVALUATION/ASSESSMENT OF UG AND PG IN YOUR DEPARTMENT:

UG- Theory of 50 Marks

Ward Exam of 100 Marks

DEPARTMENT OF E.N.T

FIRST HEAD OF DEPT.: DR.SHRINIVASAN

PRESENT HEAD OF DEPT.

NAME : DR. ARCHANA A. DESAI
ADDRESS : 23, SAMPAT RAO COLONY, R.C. DUTT ROAD,
BARODA.
PH No : 0265 - 2312994 , 2322000
E-MAIL : archana856@rediffmail.com

STAFF PATTERN

NOs.

- PROFESSORS..... 1
- ASSOCIATE PROFESSORS.... 1
- ASSISTANT PROFESSORS.... 2

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- 1) M.S.
- 2) D. L. O

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- 1) M. S. : 4
- 2) D. L. O. : 3

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units : 2
Functional area :
Speciality clinics : --

Extension Activities : --
 (Community services)
 Teaching in the Department: --
 No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture		22	--	
Clinic		--	1 / week	
Journal club		--	1 / 15 days	
Seminar		--	1 / 15 days	
Presentation by Students		--	1 / week	

Any unconventional teaching?:

Cadaveric dissection for postgraduates includes

- 1) Temporal bone dissection
- 2) Endoscopic sinus surgery.

PATTERNS OF EVALUATION/ASSESSMENT OF UG AND PG IN YOUR DEPARTMENT:

Under Graduates (at the end of clinical term)

1. Practical
 - o Case presentation
 - o Table - Instruments and X -Ray
2. Theory - MCQ's

Post Graduates:

1. Continuous Assessment during residency through
 - o Dissertation work
 - o Seminar / Journal club
 - o Case presentation

Regularity, frequency and mode of presentation assessed.
2. Internal Ward exams conducted every year which includes :
 - o Practical
 - * Case presentation
 - * Table
 - o Theory

DEPARTMENT OF GENERAL SURGERY

FIRST HEAD OF DEPT.: DR.MANIBHAI A. PATEL

PRESENT HEAD OF DEPT.

NAME : DR. V. P. HATHILA
ADDRESS : L-3, DOCTOR'S QUARTERS, JAIL ROAD,
BARODA
PH No : 0265 - 2432805
E-MAIL : --
CELL PHONE NO : +9825250004

STAFF PATTERN NOs.

- PROFESSORS..... 2
- ASSOCIATE PROFESSORS.... 5
- ASSISTANT PROFESSORS.... 14

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

Master in Surgery (M.S.)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

15-16 PG students / year

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)

WITH THEIR HEADS

Units : 06
Functional area : Neurosurgery, Urology, Laparoscopic Surgery & Endoscopy
Laboratories (speciality) : --
Speciality clinics : --
Extension Activities : --
(Community services)

Teaching in the Department:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Entire staff of Dept.	Twice a week		Once a week
Clinic	Entire staff of Dept.	Daily	Yes	Once a week
Journal club	Entire staff of Dept.		Weekly	Once a week
Seminar	Entire staff of Dept.		Weekly	Once a week
Presentation by Students	Entire staff of Dept.		Yes	Once a week

DEPARTMENT OF MEDICINE:

FIRST HEAD OF DEPT.: DR. Ambegaonkar
PRESENT HEAD OF DEPT.:
NAME : DR. Nivedita C. Mehta
ADDRESS : Prof. & Head.
Dept. of Medicine,
Medical College,
Baroda.
PH No : (O) 2424848 Ext. 310
(R) 2412577, 2433592

<u>STAFF PATTERN</u>	NOs.
• PROFESSOR.....	2
ASSOCIATE PROFESSOR....	7
• ASSISTANT PROFESSOR....	11

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

M.D. (Medicine)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

M.B.B.S. --- 180 Students

M.D. (Medicine) 15 – 16 Students.

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units : Six
Functional area : ICCU
ICU
Nephrology
Neurology
Laboratories (speciality) : Pulmonary Function Test Unit
Treadmill Test Unit
Speciality clinics : Cardiology Clinic
Respiratory Clinic

Diabetes Clinic

- Extension Activities : 1) Diagnostic Camps organized by the hospital.
 (Community services) 2) Jail visit to examine Prisoners.
 3) Pre. Employment Physical fitness.
 4) Participation in management of various Epidemics disasters.
 5) Visit in Mental hospital & Infectious diseases.

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Staff	3 / Weekly	---	25 / term
Clinic	Members	2 / day	1 / week	20 / term
Journal club	Members	---	1 / week	20 / term
Seminar	Members	---	1 / week	20 / term
Presentation by Students	Members	---	1 / week	20 / term

Research:

Project completed till date:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
Role of Hindustani Classical music in psychosomatic disorders, during the year.	Two years	Allumni Association, Medical College, M.S. University.

PATTERNS OF EVALUATION/ASSESSMENT OF UG AND PG IN YOUR DEPARTMENT:

- U.G.s: Ward exams conducted at end of each clinical term, which includes case presentation, Viva Voice, M.C.Q.S and maintaining a logbook. (30% Internal Marks).
Candidate has to appear in two theory exams before university exams.
- P.G.s : Exams conducted at end of three years of Residency (Theory & Practicals),
Original research work in form of Desartations to be submitted before appearing for the exams.

DEPARTMENT OF MICROBIOLOGY

PRESENT HEAD OF DEPT.

NAME : DR. MANHARLAL B. SHAH
ADDRESS : 87 /E NAVNITPARK HOU. SOC.
HARNI ROAD,
VADODARA
PHONE NO.: 2684819

STAFF PATTERN

NOs.

- PROFESSOR..... 1
- ASSOCIATE PROFESSORS.... 2
- ASSISTANT PROFESSORS.... 3
- TUTORS..... 5

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- M.D. (Microbiology)
- M.Sc. (Medical Micro.)
- PhD.
- Lab. Training Course

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- II M.B.B.S. -- 140 - 160 x 2 Batches
 - 40 - 50 (Casual Batch)
- II B. Physio. -- 30 - 50 x 2 Batches 10-20 Casual
- II B.D.S. -- 35 - 40 x 2 Batches
- M.D. (Micro.) -- 2, M.Sc. (Medical) 4-5 Ph.D. - 1
- D.M.L.T. -- 8 - 10

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

- Units :
- Laboratories (speciality) : 1. Diagnostic Microbiology (Bacteriology, Mycology & Parasitology)
2. Serology, 3. V.C.T.C., 4. Media
- Speciality clinics : V.C.T.C. OPD (No. 7)
- Extension Activities : 1. Microbiology is a part of the Rapid response team during any outbreak / epidemic.
2. Hospital Infection Surveillance & control.
3. Voluntary Counseling and testing centre for HIV.

4. National HIV sentinel surveillance and STI.

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Professor Asso. Prof. Asstt. Prof.	II M.B.B.S. II B.D.S. B.Physio.		216 / term
Practical	Tutors	II M.B.B.S. II B.D.S.		216 / term
Journal club			M.D. (Micro.) M.Sc.(Medi.)	4 - 6 / term
Seminar			"	24 / term
Presentation by Students			"	Same as above

Research:

Project completed till date:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
Isolation of Pneumococci from Paediatric R.T.I.	2 Years	
Techniques for Staining Trichomonas	2 Years	
A study of Dermatophytes in S.S.G.	2 Years	
Chlamydia trachomatis genital infection	2 Years	Alumni Association
Post Operative wound infection	2 Years	
Middle ear infections	2 Years	
Neonatal Septicaemia	2 Years	
Comparative study	2 Years	

Prevalence of HIV in highrisk benafar persons	2 Years	
Prevalence of Tonoplasmos in antenatal cases with BOH	2 Years	

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Detection of ESBL Pnrhicing shtring of ktebriella spp	2 Years	
2) Detection of HBC ab & HBV DNA in immunocompromised patients	3 Years	
3) Detection of HBs antigen in healthy vaccinated people	2 Years	
4) Prevalence of MRSA 4 MRSF from clinical isohts of SSGH	2 Years	
5) Antimicrobial sensitivity of pseudomonas	2 Years	

(3) Projects proposed:

- A study of the agents responsible for STI in O+ patients attending gynaec clinic.

• COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:

Microbiology as a part of rapid response team sent for any outbreak / epidemic.

-- Microbiologist visits the affected community with the team, samples are processed in micro lab.

• PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

Pattern of evaluation

A) Internal Evaluation

Undergraduate

II M.B.B.S. -- Two terminal and one Prelim evaluation in both theory and practicals.

II B. Physio. -- Two terminal and one Prelim evaluation in Theory.

II B.D.S. -- Two terminal and one Prelim in Theory and practical.

Post Graduate

M.D. (Micro.) Ongoing evaluation / assessment of students on daily work, Seminars,

M.Sc. (Medical Micro.) Assignments, Discussions.

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

PRESENT HEAD OF DEPT

NAME : DR. L. N. CHAUHAN
ADDRESS : O – 18, DOCTOR’S QUARTERS,
INDIRA AVENUE,
Behind S. S. G. HOSPITAL,
BARODA 390001
PH No : 0265 - 2420432

STAFF PATTERN NOs.

- PROFESSOR..... 01
- ASSOCIATE PROFESSORS.... 04
- ASSISTANT PROFESSORS.... 11

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- 3) M.D.
- 4) D.G.O.
- 5) M.B.B.S.

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- 1) M.D. - 08
- 2) D.G.O. - 03
- 3) M.B.B.S. - 180

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

Units : 04
Functional area : --
Laboratories (speciality) : --
Speciality clinics : 1. Post Natal Clinic
2. Adolescent clinic (with P.S.M. Dept.)
3. P.P.T.C.T.: Prevention of parent to child transmission (HIV, AIDS)

clinic

- Extension Activities : 1. Lap camps in rural areas
 (Community services) 2. Adopted tribal zone for providing extension services there regularly every fortnightly (Shivrajpur, Halol Taluka)
 3. Training programme of peripheral paramedics and staff of various N.G.O.s
 4. Training of Anganwadi workers
 5. T.O.T. programme in tubal surgery under The Centre of Excellence

Teaching in the Department:

No. Of hours :

	Cadre	Type of sessions	Freq/Term
UG	Professor	Lectures	02
		Clinic	20
		Journal club	00
		Seminar	00
		Presentation by students	06
PG	Professor	Lectures	01
		Clinic	26
		Journal club	01
		Seminar	01
		Presentation by students [In maternal mortality meetings and perinatology meetings]	12
UG	Asso. Prof.	Lectures	02
		Clinic	20
		Journal club	00
		Seminar	00
		Presentation by students	06
PG	Asso. Prof.	Lectures	01
		Clinic	26
		Journal club	01
		Seminar	01
		Presentation by students [In maternal mortality meetings]	12

		and perinatology meetings]	
UG	Asst. Prof.	Lectures	02
		Clinic	20
		Journal club	00
		Seminar	00
		Presentation by students	06

PG	Professor	Lectures	01
		Clinic	26
		Journal Club	00
		Seminar	00
		Presentation by students [In maternal mortality meetings and perinatology meetings]	12

ANY UNCONVENTIONAL TEACHING?

- a. Microteaching sessions
- b. Tutorials
- c. Group discussions
- d. Problem Solving Exercises
- e. Quiz as unconventional teaching method

Research:

Project completed till date:

TITLE	DURATIO N OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Collaborative study of tubal sterilization total Registration- 1390	(1976-1980)	
2) National I.U.D/ Oral Pills programme at 4 Centres, Chhani, Jamnabai & F.P., S.S.G. Hospital, Baroda, Waghodia, Dabhoi.	(1978-1981)	
3) Subsequent fertility following induced abortion.Total Registration – 2000	(1979-1980)	
4) N.F.W.P. –IUD/Oral Pills- total Registration – 2000	(1979-1980)	

5) Collaborative study on High Risk Pregnancy & Maternal Mortality. Total Registration – 5284	(1981-1984)	
6) Clinical Trial (Phase-III) on NET OEN 200 mg given every 2 or 3 Months with Return of fertility.	(1981-1984)	
7) Return of fertility following discontinuation of NET Trial. Total registration- 38	(1981-1984)	
8) Abortion studies a. 1 st Trimester MTP-Randomized trial MTPs b. 2 nd Trimester MTP-Randomized trial MTPs c. Septic abortion cases, d. Women who request MTP but do not MTP done in Hospital	(1981-1984)	
9) Sequelae of camp sterilization Total Registration – 7103	(1981-1983)	
10) Clinical trial with Radio Opaque Methyl Cyano Aerylate (MCA) delivered through single application (Femcept device. -Total Registration- 19	(1981-1983)	
11) Optimum Hospital stay following mini-laparotomy sterilization	(March'03- Nov'83)	
12) Effect of B-glycol on Menstrual blood loss following insertion of Intra uterine devices.Total Registration – 100	(1981-1983)	
13) Randomized clinical trial with PGE 2 Oral & Oxytocin IV for induction of labour	(1982-1983)	
14) Comparative evaluation of efficacy & safety of sulprostone (PGE 2) with I septent & PGF 2 with I saptent as an abortion accent in women seeking abortion in 2 nd trimester of pregnancy. Total Registration –52	(1983-1984)	
15) Norplant Phase-III Total Registration-121	(August'83- Feb'85)	
16) Return of fertility following Norplant. Total Registration – 36	(1985)	
17) Randomized Clinical Trial with Intra Uterine device cut, 220, cuT 380 Ag, Silver & levonorgestrel.Total Registration – 132	(1983-1985)	
18) Return of fertility following IUD. Total Registration-24	(1983)	
19) Study leading to developmental educational & motivation material Total Registration –100	.(Sep'85- Mar'86)	
20) Epidemiological study of ectopic pregnancy	Nov'86- Feb'88)	
21) Pre-Programme introduction study with Norplant-II through post Partum Center. (B & C Type) -HRRC total Registration – 59	(1986)	
22) Evaluation of EFFP Ring for female sterilization Total Registration – 60	(Dec'88)	
23) Evaluation of EFFP Ring for female sterilization Total Registration – 60	(Dec'88)	

24) Evaluation of Surgivear tubal ring for female sterilization Total Registration 6	(Jan'88'Jan'88)	
25) Evaluation of pregnancy test kit G 30 Total Registration - 80	(Jul'87-Oct'87)	
26) Phase-III Randomized clinical Trial of weekly contraceptive Centchroman with Oral Pills (Mala-N) efficacy and Acceptability study Total Registration-35	(Jul'88-Feb'89)	
27) Termination of pregnancy by vaginal administration 9-Methylene PGE2 Gel 7.5 mg at 0 & 4 hrs. with delay of menstrual to 14 days of missed menstrual period. Total Registration - 03	(June'89)	
28) Qualitative evaluation of Health & Family Welfare Services at PHC level. 6 District evaluated 12 PHCs (120 villages evaluated)	(April'86-May'89)	
29) Improve Sterilization of spacing method through strategy of Training & counseling. (Nadiad & Bharuch P.P.C)	(Sep'89)	
30) Intervention study to improve the existing MCH & Family Welfare Services at PHC Level. (Waghodia Taluka Baroda District)	(April'89-Mar'94)	
31) Phase-III Clinical Trial with Norplant-I through cafeteria approach	(August'93)	
32) Clinical trial with aquamarine Pellets for Non-Surgical female sterilization. -A Dose finding study. 3 cases enrolled	Jan'94	
33) Hospital based surveillance for maternal health.	(Jan'93)	
34) Improving the quality of E.P. Services in the National F.W. programme at the PHC level through the Net work of ICMR HRRCs. Dept. of Obst. & Gynecology at Medical College, (District Project) Baroda Dist. Selected.	(March'94	
35) ICMR Task force study on knowledge, Attitude & Practice of emergency Contraception.	2000	
36) A study of management practice of Meconium stained Amniotic fluid and Meconium Aspiration Syndrome.	2000	
37) Coverage evaluation Survey for Immunization of Children & Pregnant women.	1999	
38) Validity & Feasibility & Utilizing syndromic approach for the management of RTI/STD at PHC level	1999	
39) Expanding contraceptive choices available through cafeteria approach at 31 HRRCs by providing diaphragm, vaginal pessary, centchroman in addition to IUCD, OC, Norplant 6 capsules.	1996	
40) Integrated delivery of RHC package at District level.	1995	
41) Intra muscular Iron therapy in anemia during pregnancy	1997	
42) Task force study on hypertensive disorder of pregnancy/eclampsia.	1995	

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1. Outcome in unwanted & unplanned pregnancies	5 years	Self funded
2. Why more than 2 pregnancies?	2 years	Self funded
3. Participation of male partner in RCH activities	5 years	Self funded
4. Oxidative stress in abortions	2 years	Self funded
5. C.T.G. Charges on steroid administration	2 years	Self funded
6. Epidural analgesia in high risk obstetrics	2 years	Self funded
7. C.T.G. changes on epidural administration	2 years	Self funded
8. Autoimmunity in adverse obstetric outcome	5 years	Self funded

(3) Projects proposed:

- (1) Study of outcome in unwanted and unplanned pregnancies
 - (2) Why more than 2 pregnancies?
 - (3) Participation of male partner in RCH activities
- Community services provided by the department:
 - 1) Adoption of PHC for RCH services including MTP to reduce morbidity and mortality in unsafe abortions
 - 2) RCH Training program for Government M.O.s of Periphery
 - 3) Border district M.O. training program in emergency obstetrics care (Ahwa Dangs & Valsad District)
 - 4) Training for Lap T.L., Abdominal TL & MTP for Government M.O.s
 - Patterns of evaluation/assessment of UGs and PGs in your department:
 - * Final M.B.B.S. University Practical exam in Obstetrics & Gynecology
 - This exam is of 100 marks, 30 marks of which are from internal assessment.
 - 70 marks of the current assessment are distributed thus:
 - 20 marks for Obstetric case

20 marks for Obstetric table

30 marks for Gynecology table [including 10 marks for MTP and family planning]

OBSTETRICS CASE:-

This exercise carries 20 marks. Students are given 20 minutes to prepare the case.

20 marks are divided thus:-

A) History and examination skills assessed for relevance and its direction towards the correct diagnosis - 6

Marks

B) Management of the case assessed for correctness and completeness - 8 Marks

C) Relevant practical discussion on the case - 6
Marks

OBSTETRICS TABLE

This section carries 20 marks

It has an exercise on

- A) Instrument
- B) Specimen / X-Ray
- C) Drugs
- D) Ward procedures of 5 marks each

GYNECOLOGY TABLE (Including Family Planning)

This section carries 30 marks, 10 marks of which are exclusively for exercises on family planning and MTP.

Rest 20 marks are divided thus:-

- Instrument
- Specimen
- Drugs
- Ward procedure of 5 marks each

* Final M.B.B.S. University THEORY exam in Obstetrics & Gynecology

This exam is of 70 marks. The question paper carries 2 sections of 35 marks each. Section 1 is of Obstetrics and section 2 of Gynecology. Each section has one full question of 12 marks that is compulsory question. The second question has an option and has 11 marks. The third question is of short notes with an option to answer any 3 from the four asked. Each short note has 4 marks totaling the question to be of 12 marks value.

* Final M.B.B.S. Internal practical exam in Obstetrics & Gynecology

This exam is undertaken at the end of the two terms for which the UG students are placed during their clinical clerkship postings. This exam is of 100 marks each divided thus:-

- Gynec table including contraception of 30 marks
- Obstetric table of 20 marks
- Obstetric case of 20 marks
- History writing and labour records carry 10 marks
- MCQ exams conducted during Intra-term posting carries 20 marks*

- Three MCQ exams are conducted during each term posting. Each exam is of 20 marks. The final is an average of these MCQ exams.

- Final M.B.B.S. Internal Theory Exam in Obstetrics & Gynecology

At the end of each posting, along with the practical exam one theory exam is conducted of 50 marks each. Total of this comes to 100 marks. 15% of this total is added in the theory internal of 30%. The remaining 15% is derived from a prelim exam conducted by the department just before the university exam. It is of 100 marks and follows the pattern of university theory exam. Thus 15% from the prelims and 15% from the theory exams conducted at the end of the term builds the requisite 30% of theory internal.

Health Education
Medical Board,
Liquor Board,

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	ASSO. PROF. ASSTT. PROF.	25 / TERM	25 / TERM	
Clinic	PROFESSOR ASSO. PROF.	30 / TERM	30 / TERM	
Journal club	"	—	12 / TERM	
Seminar	"	—	24 / TERM	
Presentation by Students		24 / TERM	24 / TERM	

Research:

Project completed till date:

TITLE	DURATIO N OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
3) Aphakic Macular edema following uncomplicated ICCE.	1984 - 1986	
4) Therapeutic full thickness KP in Non Healing connealulcor	1984 - 1986	
5) Study of ocular Manifestations of sickling Hemoglobinopathies	1994 - 1996	
6) Study of Levobunalol in Cases of POAG	1997 - 1999	
7) Use of Mitomicin lower concentration in AGS Surgery	1995 - 1997	
8) Fluoroscein Angiographic Study of Hypertensive	1997 - 1999	

Retinopathy		
9) Correlation Between Clinical And Microbiologic workup of infectious keratitis	1992 - 1994	
10) Comparative Evaluation of different pterygium surgeries	2001 - 2003	

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Comparison between Manual & Automated	Jan 2003 Onwards	
2) Comparison between Goldman Implanation & Indentation Tonometry	June 2002 Onwards	
3) Study of ACIOLS	Jan 2002 Onwards	
4) Study of Myopia in School going children	Jan 2003 Onwards	
5) Study of Foldable IOLS	Jan 2003 Onwards	

DEPARTMENT OF P. S. M. (COMMUNITY MEDICINE)

FIRST HEAD OF DEPT.: DR. A.K. NIYOGI

PRESENT HEAD OF DEPT.

NAME : DR. P.V. KOTTECHA
ADDRESS : DEPT. OF P & SM.
PH No : 0265 - 2422808, 2417739
E-MAIL : pvkottecha@yahoo.co.uk
CELL PHONE NO : 9825683556

STAFF PATTERN

NOs.

- PROFESSORS..... 2
- ASSOCIATE PROFESSORS.... 3
- ASSISTANT PROFESSORS.... 4
- TUTORS..... 6

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- 6) M.D. -- (P & S.M.)
- 7) D.P.H. -- "
- 8) D.I.H. -- "
- 9) P.G.D.M.C.H. (IGNOU)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- 1) M.D. (P & S. M.) ----- 4
- 2) D.P.H. (P & S .M.) ----- 4
- 3) D.I.H. (P & S.M.) ----- 2

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units : C.P.G.P., Project Support Unit
Functional area : OPD : 6

Speciality clinics : Adolescent Friendly Clinic

Extension Activities :

(Community services)

Teaching in the Department:

No. Of hours : 160 hrs (Theory)
250 hrs (Practicals)

Type of sessions	Professor	Asso. Prof.	Asstt. Prof.	Tutor
Lecture	1 / week	3 / week	4 / week	--- (UG)
Clinic	---	25 hrs	100 hrs / Term	275 hrs / Term
Journal club	Only PG 2 hrs - once a week (20 / Term)			
Seminar	30 hrs / Term UG ; 20 / Term			
Presentation by Students	PGs 20 hrs / Term			

Any unconventional teaching?: Home visits & field research activities ,wherein,post- graduates get trained and participate.

PGs - Outbreak invest epid. Dummey's etc.

Invited guest Faculties

Any other: 1) Department also organizes academic activities in collaboration with Indian Pharmacological Society (Baroda Branch) & other Dept. of the Medical college & S.S.G.Hospital, Baroda.

2) Sheth Ujamshi Pitambardas Ayurvedic Research Unit (SUPARU) of the M.S.University of Baroda, is attached with the Department which treat the patients at its O.P.D. using new & conventional ayurvedic preparations & performs various modalities used in Panchkarma.

Research:

(2) Project completed till date:

TITLE	DURATIO N OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
11) Pharmacological Research Unit	1960-1973	CSIR, New Delhi
12) Interaction of Captopril with various agonists on smooth	1981-1983	Govt. of Gujarat

muscles.		
13) Effects of Calcium Channel Blockers on agonists & electrical stimulation induced contraction of smooth muscles	1986-1989	Govt. of Gujarat
14) Effects of Abana on blood pressure, lipid profile & sensitivity of isolated tissues to various agonists.	1989-1991	Res. Soc. of Medical college & S.S.G.Hospital Baroda
15) Interaction between H ₂ receptor blocker & neuromuscular blockers.	1994-1995	Govt. of Gujarat
16) Comparative study of beta blocking efficacy of two different formulations of Esmolol.	1995-1997	Res. Soc. of Medical college & S.S.G.Hospital Baroda
17) Monitoring of Adverse Drug Reactions in India	1995-1998	ICMR, New Delhi

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) To study some of the pharmacological properties of Shilajit.	2000-2005	None
2) Effects of Antioxidant therapy in the management of Essential Hypertension & Pre-eclampsia.	2001-2004	None
3) Study of Antinociceptive activity of Ocimum Sanctum (Tulsi)& its interaction with various analgesic drugs in experimental models of pain in mice	2001-2004	None

(3) Projects proposed:

- (1) To study the role of Antioxidant therapy in the Management of Diabetes Mellitus.
 - (2) To study the effects of Turmeric & Ginger on smoking induced Oxidative stress.
 - (3) To start Adverse Drug Monitoring Centre in the Department.
 - (4) To study the effects of Shilajit on Oxidative Stress in Diabetic patients.
- Community services provided by the department:

Drug Information Centre is operative. This was earlier working in collaboration with NICNET Centre, New Delhi. At present NICNET Centre has developed its own website which is available free of charge on Internet.
 - Patterns of evaluation/assessment of UGs and PGs in your department:

For UG students:

- (4) Conducting written, oral & practical examinations at the end of each term (i.e. three internal tests including prelim examination).
- (5) Conducting MCQs (Total 180) for every topic covered in the lecture (i.e. 9 topics).
- (6) 20% of internal marks are calculated as follows:
 - (a) Theory (Total 20 marks): Out of which 15 marks from the theory examinations (i.e. papers) considering the marks of the prelim examination + the better of the two tests and 5 marks from the MCQs.
 - (b) Practicals (10 marks): Considering the marks of all the three orals & practical examinations.

For PG students:

- (4) Conducting written examination for each topic after completion of tutorial & discussion.
- (5) Conducting oral/viva after completion of the practicals.
- (6) Evaluation by giving unknown/test drugs during practicals.

DEPARTMENT OF PATHOLOGY

PRESENT HEAD OF DEPT.

NAME : DR. S. P. PANDYA
ADDRESS : "UPASANA"
A/1, SHREEJI SHAKTI SOCIETY, NR. JAI
JALARAM BUS STAND
GOTRI ROAD,
VADODARA.
PH No : (R) 2314977

STAFF PATTERN

NOs.

- PROFESSORS..... 2
- ASSOCIATE PROFESSORS.... 7
- ASSISTANT PROFESSORS.... 4
- TUTORS..... 16

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- B. Physiotherapy IInd Year
- M.Sc. Medical Part II
- Laboratory Technician Training
- M.D. (Pathology)
- D.C.P. (Diploma in Clinical Laboratory)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- 1) M.B.B.S. --- 150 Batch / Year
- 2) M.Sc. --- 10 – 12 Batch / Year
- 3) B. Physio. --- 30 – 40 Batch / Year
- 4) Lab. Training Course --- 5 – 10 Batch / Year

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

Laboratories (speciality) : Central Clinical Laboratory, OPD Clinical Pathology Laboratory,

Trauma Lab., Cytology Lab., Histopathology, Blood Banking & Laboratory for safe Blood Transfusion Services, Autopsy.

Speciality clinics : OPD FNA Special Clinic daily.

Extension Activities :

(Community services)

Teaching in the Department:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Prof., Asso. Prof. & Asstt. Prof.	120 hrs / Term	280 hrs / Term	
Clinic	---	---	200 hrs / Term	Term
Journal club	Prof., Asso. Prof., Asstt. Prof. & Tutor	24 hrs	24 hrs	
Seminar	- do -	48 hrs	48 hrs	
Presentation by Students	R1, R2, R3 & R4	R1, R2, R3	R1, R2, R3 & R4	

- Community services provided by the department:

Screening of school girls – for Anemia in Collaboration with P.S.M. Department

- PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

U.G. By * Practicals

* Theory

* Demonstrations / Tutorials

DEPARTMENT OF PSYCHIATRY

FIRST HEAD OF DEPT.: DR. RAVI KAPOOR

PRESENT HEAD OF DEPT.

NAME : DR. PORUS R. VESUNA

ADDRESS : (O) DEPT. OF PSYCHIATRY, MEDICAL COLLEGE, BARODA -
390001.

(R) 3/1, TEMPLE- VIEW APTS., FATEHGUNJ, BARODA - 390002.

PH No : (O) 2421594, (R) 2782624

STAFF PATTERN

NOs.

- PROFESSORS..... 1
- ASSOCIATE PROFESSORS.... 1
- ASSISTANT PROFESSORS.... 3
- ASST. PROF. OF CLINICAL
PSYCHOLOGY 1

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

M.D. (PSYCHIATRY)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

ONE STUDENT PER YEAR

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)

WITH THEIR HEADS

Units : ONE

Functional area : ADULT & CHILD PSYCHIATRY

Laboratories (speciality) : ELECTROENCEPHALOGRAPHY LAB (E.E.G.)

Speciality clinics : (1) ELECTROCONVULSIVE THERAPY (E.C.T.) CLINIC
(2) PSYCHOMETRIC TESTING
(3) VATSYAYANA AIDS COUNSELLING CENTRE

Extension Activities : (1) DEADDICTION CENTRE FOR SUBSTANCE ABUSE &
(community services) DEPENDENCE

(2) ADOLESCENT FRIENDLY CENTRE (A.F.C.) JOINTLY WITH P &
SM DEPT.

TEACHING IN THE DEPARTMENT:

(1) UNDERGRADUATE TEACHING (THEORY & PRACTICALS)

(2) POSTGRADUATE M.D. PSYCHIATRY TEACHING

No. Of hours : APPROX. 30 HRS PER WEEK

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	ASSO. PROF. ASSTT. PROF. ASSTT. PROF. OF CLINICAL Psychology		"	4 LECTURES PER WEEK
CLINICS	ASSO. PROF. ASSTT. PROF.		"	4 CLINICS PER WEEK
Journal club	ASSO. PROF. ASSTT. PROF. ASSTT. PROF. OF CLINICAL Psychology RESIDENT DOCTORS		"	ONCE A WEEK
Seminar	ASSO. PROF. ASSTT. PROF. ASSTT. PROF. OF CLINICAL Psychology RESIDENT DOCTORS		"	ONCE A WEEK
Presentation by Students	ASSO. PROF. ASSTT. PROF.		"	Case Presentations Twice a Week

• COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:

- 1) Psychiatric Services by Camps.
- 2) AIDs Counselling at Vatsyayana AIDs Counselling Centre.
- 3) Adolescent Friendly Centre (A.F.C.) Jointly with P & SM Dept.

- PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

For UG students:

Term ending Practical & Theory Exam.

For PG students:

Round the year assessment and assessment report at the end of the year, before entering 2nd & 3rd yr. residency.

DEPARTMENT OF RADIOLOGY

PRESENT HEAD OF DEPT.

NAME : DR.P. A. VOHRA
ADDRESS : B-103, SAPAN FLATS, B/H. MOTHERS SCHOOL, GOTRI RD.,
BARODA 21. GUJARAT.
PH No : 0265 - 2324745

STAFF PATTERN

NOs.

- PROFESSORS..... 2
- ASSOCIATE PROFESSORS.... 2
- ASSISTANT PROFESSORS.... 8
- TUTORS..... 6

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- 10) M.D. (Radiodiagnosis)
- 11) D.M.R.D.
- 12) X-Ray Technician Courses. (Training)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- 1) M.D. - 05 Nos.
- 2) D.M.R.D. - 02 Nos.
- 3) X-Ray Technician Training Course - 05 Nos.

**DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS**

Units : One
Functional area : O.P.D. 24
M.D.O.C. (Makrand Desai Orthopedic Complex)

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Class - I	✓	--	12 / Term
Practical	Class - I & II	Everyday	--	
Journal club			Twice a week	
Seminar			Twice a week	
Presentation by Students			Twice a week	

DEPARTMENT OF RADIOTHERAPY

FIRST HEAD OF DEPT.: DR. VIMAL BATRA

PRESENT HEAD OF DEPT.

NAME : DR.VIMAL BATRA
ADDRESS : E/4, KRISHNA LILA SOCIETY, SANGAM WARASIA,
RING ROAD, BARODA.
PH No : 0265 - 2530173

STAFF PATTERN

NOs.

- PROFESSORS..... 1
- ASSOCIATE PROFESSORS.... 2
- ASSISTANT PROFESSORS.... 2

DEPARTMENT OF SKIN & V. D.

FIRST HEAD OF DEPT.: DR.B.S. VERMA

PRESENT HEAD OF DEPT.

NAME : DR.Y.S. MARFATIA

ADDRESS : 101, YOGIDHARA,
2, NANDANVAN SOC., ALKAPURI,
BARODA - 7 GUJARAT.

PH No : 0265 - 2330596

E-MAIL : ym11256@yahoo.com

CELLPHONE NO : +9825917442

STAFF PATTERN NOs.

- PROFESSOR..... 1
- ASSOCIATE PROFESSOR.... 1
- ASSISTANT PROFESSORS.... 3

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- 13) M.D. Skin & V.D.
- 14) DVD - Diploma in Venereology & Dermatology

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- One in M.D. course
- Two in DVD course

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units : Single Unit

Functional area : OPD Premises, 16 bad skin ward and 8 bad leprosy ward.

Laboratories (speciality) : Specialty lab with technician attached to department.

Speciality clinics : (I) SID (II) HIV AIDS (III) Leprosy

Extension Activities : Regularly take part in health camps in community and community
(Community services) awareness programmes on AIDS, STDS and leprosy.

TEACHING IN THE DEPARTMENT:

Under Graduates

2 Clinics per day
One class room lecture per week

No. Of hours : 12 hrs / week

Post Graduate

2 bedside clinics per week
1 assignment per week
1 case presentation per week

10 hrs/ week

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Prof. / A.P.	1 week	1 week	
Practical	Prof./A.P.	2 day	2 week	
Journal club	Prof./A.P.	--	1 week	
Seminar	Prof./A.P.	--	1 week	
Presentation by Students	Prof./A.P.	1 day	1 week	

Research:

Project completed till date:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Community based prevalence of RTI & STIS at sundarna village, Anand, Gujarat	3 months	National AIDS control organization
2) Health care seeking behaviour of STD cases	9 months	Population council

• **COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:**

We regularly take part in health camps and awareness programmes on STD, AIDS, Leprosy

• **PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:**

UG: Ward leaving Examination & theory emanation

PG: Case and assignment presentation.

University theory & practical Examination at the end of Course.

DEPARTMENT OF TUBERCULOSIS & CHEST DISEASES

FIRST HEAD OF DEPT.: DR.CHANDRAKANT M. SHAH

PRESENT HEAD OF DEPT.

NAME : DR. CHANDRAKANT M. SHAH
ADDRESS : 17/A, WAGHESHWARI SOCIETY,
VIP ROAD, KARELIBAUG,
BARODA. GUJARAT.
PH No : 0265 - 2413035 (O), 2486242 ®
CELL PHONE NO : 98253 43223

STAFF PATTERN

NOs.

- ASSOCIATE PROFESSOR.... 1

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

D.T.C.D. (Diploma in TB & Chest Diseases)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

4 (Four) per year

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS

Units : One
Functional area : OPD, 17/A, S.S.G. Hospital
Speciality clinics : Asthma Clinic (every Wednesday clinic)
Teaching in the Department:
No. Of hours : 20 Lectures (hrs)

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Asso.Prof.	20 hrs.	--	--
Clinic	Asso.Prof.	12 hrs.	Round once week	--
Journal club	Asso.Prof.	--	Once of week	--
Seminar	Asso.Prof.	--	Once in two week	--
Presentation by Students	--	Case	Case	--

- PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

By ward Exams - UGs

By case presentation, Seminar, round discussions - PGs

DEPARTMENT OF ANATOMY

PRESENT HEAD OF DEPT.

NAME : DR. SUSMITA S. BHAGVAT
ADDRESS : C/O. MR. ARUN DABIR,
B/41, SAMARPAN HOUSING COMPLEX
VASANA ROAD,
VADODARA. GUJARAT.
PH No : 0265 – 2251351 ®
CELL PHONE NO : 9898088797

STAFF PATTERN

NOs.

- PROFESSORS..... 2
- ASSOCIATE PROFESSOR.... 2
- ASSISTANT PROFESSOR.... 5
- TUTORS..... 7

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

- a. M.S. (Anatomy)
- b. M.Sc. (Medical Anatomy Part -1 & 2)
- c. Ph.D. (Anatomy)
- d. D.M.L.T. Course

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- | | | |
|--|---|----|
| 1) M.S. (Anatomy) | - | 03 |
| 2) M.Sc. (Medical Anatomy Part -1 & 2) | - | 05 |
| 3) Ph.D. (Anatomy) | - | 03 |

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)

WITH THEIR HEADS

Laboratories (speciality) : 1 Molecular & Cytogenetic Lab for Investigation of genetic disorders
2 Histology Lab for teaching

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	--	200 (100+60+20+20)	--	--
Practical / Demonstrations	--	350 (250+90+10)	--	--
Journal club	--		50	--
Seminar	--	--	--	--
Presentation by Students	--		--	--

Any unconventional teaching?: Video teaching

Research Project :

- a. "Cytogenetics of birth defects"-Funded by The M.S.University of Vadodara, 1985 – One year
- b. "Prenatal diagnosis of chromosomal disorders"-Funded by Government of Gujarat and ICMR (New Delhi)-1982-85 – 3 years.
- c. "Cytogenetic studies in haematological malignancies"-funded by Government of Gujarat 1982-84 -2 years
- d. "Cytogenetic studies infertility" funded by The M.S. University of Vadodara. –One year.
- e. Cytogenetic studies in somatic disorder, Down's syndrome, mental retardation, repeated abortions, infertility and still-births" funded by The M.S. University of Vadodara – One year
- f. "Cytogenetic and dermatoglyphic studies in Mongoloid patients" funded by the M.S.University of Vadodara – one year
- g. "Cytogenetic studies in repeated abortuses" funded by The M. S. University of Vadodara – One year
- h. "Study of Sister Chromatid Exchanges (SCE) in vitro culture of peripheral blood lymphocytes of the patients suffering from head and neck carcinomas-prior, during and after chemo-and radiotherapy, The M.S. University of Vadodara.1992-93. – one year.
- i. "Study of Malformations & Down's Syndrome in India (SOMDI) sponsored & funded by Bhabha Atomic Research Centre (BARC) Trombay, 1993-98, Rs. 7.75 lakhs (Only of its kind at National level) – first of its kind in India-Multicentric project with other centers like KEM Bombay, AIMS Delhi – 4 years

- j. On Going:- Under the Hon'ble Prime Minister's "Jai Vigyan Mission project on Community Control of Thalassaemia Syndrome-awareness, screening, genetic counseling and prevention" sponsored & funded by ICMR approx. Rs. 68 lakhs -4 years project (Only of its kind at National level) 2000 – 2004.

At present we are screening by conducting 8 tests on the 5ml blood collected from pregnant ladies as well as college students. Once the pregnant lady found to be carrier we do the complete study of her husband and if required prenatal diagnosis by DNA study for further counseling. Once the carrier is found in college students we extend premarital counseling.

Bone marrow culture for diagnosis of Hematologic disorders like CML, ALL, MM, AML, NHL, etc.

Chronic Villous study for fetal status, Abortus specimens, and in others where more than 3 features are abnormal favoring chromosomal studies.

- k. Sickle Cell Anemia-Screening, prevention & Research Programme in the Tribes of Gujarat State, Sponsored by Government of Gujarat.

* Projects Proposed: Molecular diagnosis of hemoglobinopathies like Thalassaemia Sickle cell anemia & G-6PD & other genetic disorders.

* Community services provided by the department : Promoting the general public to donate bodies after death for teaching medical students.

PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

UG-M.B.B.S., Physiotherapy & M.Sc. (Medical) Part – I pattern of evaluation is by the conducting M.C.Q. tests for each & descriptive theory papers every term & viva for the practical.

For M.Sc. (Medical – Anatomy) part-2 & M.S. Anatomy – evaluations is done by giving the P.G. students topics to speak on various aspects and performance in dissection of various parts.

Dissertation as a part of degree.

DEPARTMENT OF PLASTIC SURGERY

FIRST HEAD OF DEPT.: PROF. S. N. SHARMA

PRESENT HEAD OF DEPT.

NAME : DR. YOGESH C. BHATT
ADDRESS : 106, GAYATRI PARK,
M.D. ROAD,
OFF VASNA ROAD,
BARODA -15
PH No : 0265 – 2252500
E-MAIL : dryogeshbhatt@hotmail.com
CELL PHONE NO : 9824057090

STAFF PATTERN

NOs.

Post

- PROFESSORS..... 1
- ASSOCIATE PROFESSORS.... 1
- ASSISTANT PROFESSORS.... 1

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

Magistrate chirurgie – M.Ch (Plastic Surgery)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

Two students annually

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)

WITH THEIR HEADS

Units : One
Functional area :
Laboratories (speciality) :
Speciality clinics : Hand clinic, left clinic

Extension Activities : 1) Organizing Burn Prevention talks in slum areas with MSW Dept.
(Community services) 2) Participating in Diagnostic camps.

Teaching in the Department:

No. Of hours : 16 hours for PGs per month

Type of sessions	Cadre	UG	PG	Freq/term
Lecture		12		Per term
Clinic			One per week	
Journal club			One per week	
Seminar			One per week	
Presentation by Students			Two per week	

(Operative planning)

Any unconventional teaching?:

- Medical Audit
- Organizing workshop / conference every year in collaboration with Baroda Plastic Surgery Association

Any other:

- Grand seminar once a month in Association meeting.

RESEARCH:

Project completed till date:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
18) Post Burn Hand Deformities	2 year	--
19) Zygoma fractures	2 year	--
20) Free Flaps for Lower Limb	2 year	--
21) Speech analysis in deaf	2 year	--

5) Uses of Radio artery flap	2 year	--
6) Uses of Latissimos dorsi flap	2 year	--
7) Study of Post Interoseous art flap	1 year	--

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1. Primary Nasal correction in cleft	3 years	
2. Management of Hand fractures	3 years	
3. Sural Artery Reverse flap	3 years	
4. Perforator based flaps	3 years	
5. Pan facial fractures	3 years	

(3) Projects proposed:

- (1) Orthographic Surgery
- (2) Brachial Plexus injuries

• COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:

1. Three mega leprosy reconstructive surgery camps
2. Publication of “Plastic Surgery” Parichay Pustika in Gujarati for social awareness.
3. Formation of social group of department patient’s families.

• Formation of cleft family:

1. To keep multidisciplinary Medical evaluation
2. To provide Psycho-social support.
3. To create awareness in society
4. To evaluate the post operative results
5. To advise the further management

• Organizing operative camps at :-

1. Veraval (Dist. Junagadh) since five years with Rotary Club.
 2. Kopargaon (Shirdi) since 10 years with the Help of Rotary Club.
- Installed Big mural and Aquarium, Toys and story books for pediatric ward to create a home like environment.
 - PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:
 - By final Theory – Practical Exam.
 - PGs have to submit thesis, workbook and logbook.

DEPARTMENT OF PEDIATRICS

FIRST HEAD OF DEPT.: LATE DR. SANAT SHAH

PRESENT HEAD OF DEPT.

NAME : DR. DULARI V. MODI

ADDRESS : Mahajan Lane,
Raopura, Baroda.

PH No : (R) 3091491, 2421963

E-MAIL : drgandhi@hotmail.com

STAFF PATTERN

NOs.

- PROFESSOR..... 1
- ASSOCIATE PROFESSOR.... 3
- ASSISTANT PROFESSORS.... 8

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

1. M.D.
2. D.C.H.
3. P.G.D.M.C.H. (IGNOU)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

- | | | |
|-----------------|------|--------------|
| 1) M.D. | ---- | 5 / YEAR |
| 2) D.C.H. | ---- | 6 / YEAR |
| 3) P.G.D.M.C.H. | ---- | 10-15 / YEAR |

**DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES)
WITH THEIR HEADS**

Units : 4

Functional area :

Laboratories (speciality) : Clinical laboratory in O.P.D.

Speciality clinics : Well Baby Clinic,
Nephrotic Clinic,
High-risk Clinic,
Epilepsy Clinic,

TB Clinic,
Diarrhoea Treatment & Training Unit,
Asthma Clinic.

Extension Activities : Pulse Polio Programmes, Immunization Clinic in Friend's Society,
(Community services) Breast feeding promotion in community, Mobile Camps, Rome
Camps, Epidemic evaluation & Containment camps

TEACHING IN THE DEPARTMENT:

U.G. Clinics -- 12 hrs/week (Clinics)

No. Of hours : P.G. Clinics -- 8 hrs/ week (Clinics)

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	All the teaching faculties equally	15 lecture top per batch per term.	6 per term	
Clinic	Participate and UG	12 hrs per week	8 hrs/week	
Journal club	Clinics by	—	2 per term	
Seminar	R2 & R3's	—	8 per term	
Presentation by Students	Also	Same as above in column 1 to 4	Same as above in column 1 to 4	

RESEARCH:

Project completed till date:

TITLE	DURATIO N OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1. Maternal Hemoglobin & Neonatal Hb Status	1 year	Snehlata Shah Foundation
2. Blood Glucose Levels in Birth Asphyxiated Newborns	2 years	M.S. University
3. CPC of Renal Disease in Pediatrics with Special	2 years	Gujarat

Reference to Renal Biopsy		Government
4. Amylase Rich Food in PEM Gr IV children	2 years	M.S. University
5. Vit A (Micronutrient) as a Predictor of Morbidity & Mortality in ARI	2 years	Gujarat Government
6. Weight Gain Pattern in LBW Babies on MCT	1 year	F.D.C.
7. Azithral Drops in LRTI	1 month	Alembic
8. National Neonatal Perinatal Database	2 years & ongoing	Indian Council of Medical Research
9. Roxithromycin in LRTI in less than 6 Months Children	1 year	Alembic
10. Cefixime Vs Chloramphenicol in Enteric Fever	1 year	Borough's Well come
11. Evaluation of Efficacy of H.Influenzae Type B Vaccine in Infants	6 months	Pasteur Maurieux (Aventis Pasteur)

(2) Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Evaluation of Safety & Efficacy of HBIG for Post Exposure Prophylaxis	1 1/2 years	Cangene Corporation
2) Evaluation of Immunogenicity & Reactogenicity of DTPw with Hepatitis B Combined Vaccine	6 months	Panacea-Biotec
3) Evaluation of Adverse Events & Reactogenicity of Reduced Antigen Content - DT-Acellular Pertussis Vaccine	4 months	GSK Biologicals

• COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:

Pulse -polio immunization, Immunization clinics in Friend's Society, Breast-feeding promotion in community, mobile camps, Rome - camps, Epidemic evaluation & Containment camps.

• PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

UG: Beside clinical evaluation at end of pediatric posting & practical examination.

Theory exams - prelims + final M.B.B.S. Theory and practical examination.

PG: Assessment proforma of PGs is regularly maintained and assessed at the

department level.

Regular assessment of dissertation done from time to time.

Final theory and viva practicals and dissertation evaluation done at the end of residency programme before awarding of M.D. and D.C.H. degrees.

DEPARTMENT OF PHYSIOLOGY

DETAILS OF VARIOUS UNITS / FUNCTIONAL AREAS (LAB./SPECIALITY CLINICS AND SERVICES) WITH THEIR HEADS

Units : Dept. of Physiology
Functional area : Respirators & Cardiovascular Physiology
Laboratories (speciality) : Hematology, and Clinical Physiology Lab. for Students & Research work
Speciality clinics : ---
Extension Activities : ---
(Community services)

TEACHING IN THE DEPARTMENT:

No. Of hours :

Type of sessions	Cadre	UG	PG	Freq/term
Lecture		I M.B.B.S. 6/weeks	2 / week 2 Seminar / weekly	100 / term UG 50 / term
Clinic (Practical)		3 / weeks	---	9 hrs / week
Journal club		---	---	150 hrs / term
Seminar		---	Once in 15 days	10 / term
Presentation by Students		---	---	

Any other:

F.Y. B. Physiotherapy 6 lecture / week = 115 - 120 / term

Practical 4 hrs / week

Lab. Tech. Training 50 hrs / term

2 hrs / week = 48 hrs / term

RESEARCH:

Projects on hand:

TITLE	DURATION OF STUDY	NAME OF FUNDING AGENCY (IF ANY)
1) Control and Management at Bronchial Asthma, Hypertension, Osteo Orthritis by non- medicinal approach	On regular Basis	Self Finance P.F.T. instrument

- COMMUNITY SERVICES PROVIDED BY THE DEPARTMENT:

By delivering public lectures on health management.

- PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:

For UG students:

Weekly Viva, written tests once a month + 2 tests at the end of term.

Assessment of practical work at the end of term.

For PG students:

Written tests once in 2 months, Seminars in 15 days.

DEPARTMENT OF FORENSIC MEDICINE

FIRST HEAD OF DEPT.: DR.B.V. SUBRAHMANYAM

PRESENT HEAD OF DEPT.

NAME : DR.PANKAJ H. BARAI
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BARODA 390007.
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STAFF PATTERN

NOs.

- ASSOCIATE PROFESSOR.... 1
- ASSISTANT PROFESSORS.... 1
- TUTORS..... 4

ONGOING COURSES IN THE DEPT.: (Courses offered by the departments)

NO. OF STUDENTS REGISTERED ANNUALLY IN RESPECTIVE COURSES:

TEACHING IN THE DEPARTMENT:

2nd M.B.B.S. students (Forensic Medicine Theory & Practical)

No. Of hours : Theory – 50 hours
Practical – 50 hours Total 100 hours (As per M.C.I.)

Type of sessions	Cadre	UG	PG	Freq/term
Lecture	Asstt. Prof. Asso. Prof.	2 Lectures per batch x 3 batch =6	--	30X3 = 90 Lect. Batch Lecture
Clinic	-do- Tutors	1 week	--	30 hours
Journal club	--	--	--	--
Seminar	--	--	--	--
Presentation by Students	--	--	--	--

- PATTERNS OF EVALUATION/ASSESSMENT OF UGS AND PGS IN YOUR DEPARTMENT:
 - Term Tests at the end of each term in Theory & Practicals including viva.