



CHARUTAR AROGYA MANDAL

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Charutar Arogya Mandal

Annual Report 2009-2010





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THE STRUCTURE THAT REFLECTS OUR VISION

The structure of the Charutar Arogya Mandal is a reflection of its commitment to professionalism on one hand and accountability to the community, including its many donors, on the other. Registered as a trust and a society, its properties are vested in the Board of Trustees comprising Shri Babubhai Z Patel and Shri JM Rawal. Its policies are decided by the Governing Body headed by the Mandal's Chairman, Dr. Amrita Patel, who is also the executive head of the Mandal. The Governing Body functions under the purview of the Governing Council, which is a wider body with representation from donors, sister institutions and members of the Mandal, in addition to the members of the Governing Body. The President of the Mandal, Shri Hasmukhbhai Shah, chairs the Council meetings. The Council, in turn, reports to the General Body, in which the members of the Mandal participate. The total number of members as at March 2010 was 1829.

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The Board of Management for the Pramukhswami Medical College has the following members:

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Shri SA Patel



ENVISIONING THE FUTURE

After a number of planning exercises, starting with defining the Core Purpose and Core Values as well as the Vision that was developed during the year, it was inevitable, in fact necessary, that the focus shifted to action from mere drawing up points for action. The year was full of action; almost each Patient Care Vertical doing something that either made it more cost-efficient or patient-friendly. Plans drawn up and executed to start new services. Existing systems were reviewed and revised so that the inefficiencies were reduced or eliminated. Facilities were introduced to make life more comfortable for patients. And the charges for the hospital's services were reviewed not just to streamline the way patients were billed to make the system more transparent, but also to reduce the cost of treatment for patients. And that was not all. In order that the education component of the Mandal's institutions also received as much attention as indeed, focused itself to deliver what it has been set up for, Verticals that cover all the institutions and all types of courses were conceived and implemented at the Annual Retreat. These Verticals, more of which would be discussed in the section describing medical education activities, have begun working with as much enthusiasm and purpose as the Patient Care Verticals.

The Annual Retreat for Patient Care Verticals also saw another significant addition to the areas already covered. Recognizing that the efforts made so far have led to cost efficiencies that match organised health care institutions, and that further efficiencies would only be marginal, attention was focused this year on improving revenues. To make the activities related to strengthening and adding more revenue streams more accountable, a new division, Business Development, was set up.

The Group will focus on marketing existing services and add new services. Already, medical tourism has been identified as one such significant activity and others are being identified. Efforts are also being made to brand the existing services so as to market them better. However, perhaps a singular development, and nothing can describe the character of the institution better, was the manner in which the Vision was evolved.

The Mid-Year Retreat was the occasion that prompted it, but its seeds were sown in the many struggles that the Mandal has to undergo to maintain its identity and its values. These struggles had to do, more than anything else, with the falling standards of the profession of Medicine. The degradation in the practices followed by medical institutions; educational or hospitals, has led to Medicine as a profession being increasingly seen as a means to exploit people rather than the noble profession it always stood for.

This erosion, and the deeper understanding of their own reasons for choosing to work in an institution such as the Mandal led the senior staff members present at the Retreat to craft a vision for the institution that not only captures the uniqueness of the efforts that are being made, but also the motivation for the efforts to follow. The Vision reads: We would become a shining

example of all that the profession of Medicine requires us to be; noble, deeply rooted in providing solace to the suffering and continually updating ourselves to serve humanity.

The implications of pursuing such a dream are clear. While on the one hand we have to see that no patient approaching the hospital is denied treatment for reasons of lack of money, caste or religion, on the other hand, it is required of us to instill in the graduating students, the same values and sensitivity that we demand of ourselves. This also means that we make every effort; through training programmes or research, to see that we equip ourselves more and more to even enhance the quality that we have today. And we recognize that this means strengthening our foundations to a level that we are able to withstand any adverse pressure that we encounter.

We have to be so strong financially that not only are we able to treat all patients that come to us, but we are also able to induct such students who would imbibe better our values and ethos. We have to be so strong in our commitment and capabilities that patients come to us not because they have nowhere to go, but because there is nowhere better and students take substantial pride in having studied in our institutions. We have to be so strong in our convictions that we are able to not just resist the temptations that others have fallen to, but be an example for those who still have a choice. But we recognise that this is a dream that is not easy to pursue. However, we are also aware that we would not be the first to tread such a path and that there are institutions that have done commendable work in these areas and have demonstrated successes that inspire us. St. John's Hospital and College and CMC, Vellore are two such institutions and to understand how they have been able to achieve what they have, a team of senior doctors and administrators visited these institutions. They have begun introducing their learnings in their own work and this has already led to several improvements.

More than anything else though, visions have been broadened, aspirations have soared and minds have been freed. The working of an institution, more so of a professional service institution such as a hospital, is only as good as the staff who manage it. Their development is really the development of the institution. The path we have taken ensures that people develop first, so that they develop the institution. It is in that path that we see our future, our success.



MEDICAL EDUCATION

The Vision crafted by the staff has meant that we work towards ensuring that the students that we admit are sensitized to our vision and when they graduate, they constitute a pool of professionals who will further the image that we have envisioned for our profession. This would require us to make significant changes in the way we design and implement our courses. Not only do we have to ensure that the contents of the programmes we offer are consistent with the spirit behind the vision, but those involved with delivering them would have to be prepared to do so, in a manner that brings about the desired sensitization. Quite clearly, therefore, the faculty has to single-mindedly strive towards achieving these outcomes.

To enable this transition, seven verticals were formed at the Retreat held in January 2010 to cover various aspects of health care education across the various institutions under the HM Patel Centre for Medical Care and Education. These areas included Curriculum Development, Assessment, Clinical Training, Quality Assurance, Faculty Development, Liaison and Research amongst students. Each group has framed a vision for itself and prepared its work plan for the year. These verticals meet every Friday to discuss developments taking place in India and abroad pertaining to their own areas and also provide updates on the tasks planned for the year.

The conceptual clarity and the scope of work for these verticals was arrived at during the visit that senior faculty of the Mandal's institutions made to St. John's Medical College, Bangalore and Christian Medical College, Vellore, two of the finest medical institutions in our country. The exercise was undertaken to benchmark the quality of services offered by us vis-a-vis the best colleges and teaching hospitals in the country.

The discussions and brainstorming at the Retreat and in other forays, over the structure that the educational institutions need to have, to be most effective in pursuing its vision has led to the conclusion that these institutions need to have an autonomous identity. With the infrastructure and facilities available at its command, the Mandal is in a position to offer many innovative health education programmes that would benefit the healthcare needs of our State besides equipping our youth with better job opportunities. With more than three decades of experience in the field of Medical Education and Health Care, especially in rural areas, the unique status of a University would greatly help attract investment and collaboration opportunities as well as enable us to be recognized as a unique role model for other states.

The major activities of the seven verticals of educational institutions of the Mandal were:





Pramukhswami Medical College

Curriculum Design & Development

Even though the curriculum of the undergraduate medical course, the MBBS programme is governed by the stipulations of the Medical Council of India, there is considerable leeway available to introduce innovative content and delivery mechanisms. The College has, for several years now, implemented an integrated system-based curriculum for the MBBS programme for the 1st and 2nd MBBS levels, early clinical exposure to 1st MBBS students etc. Efforts have also been made to incorporate newer methodologies for curriculum delivery, such as case-based learning. One of the important values that the medical students admitted at the College have to take with them when they graduate is sensitivity towards the rural community.

Newly admitted MBBS students: A full day village stay was arranged for students in the villages of Navali, Morad, Shihol and Chikhodara with the objective of offering them the opportunity to meet the villagers and their leaders as well as functionaries at health centers and Anganvadi. Students got a “feel” of community life including health of mother and child and socio-economic determinants like poverty and illiteracy. This was an entirely new experience for most students.

As a part of the College’s efforts to achieve this, its Department of Community Medicine has structured its course content aimed at providing community - oriented Medical Education so that at the end of the undergraduate study, a student is aware of the health and disease situation of the community, services available to the community and is capable and confident of tackling these

issues through first hand experience of social, cultural and other variables for health and disease. The focus is on primary health care and appropriate referral. During April 2009 to March 2010, the following activities involved participation of the students:

II MBBS students: A village stay of 4 days in Mahelav, Isarama, Khandhali and Bochasan was a formatted and tested lesson plan for the students who had received primary exposure to clinical terms. The students at the end of the stay were confident of communicating with and understanding the villagers, identifying their health related issues and the quality and limitations of the services being provided.

III MBBS students: A village stay for 4 days at Boriyavi, Chikhodara, Ajarpura and Navali villages for the senior students was aimed at training them as role leaders of the health team. The activities assigned were supervision, monitoring, evaluation and leadership. The groups mobilized the community for a rally, quiz competition, role play or skit related to different health themes. The students could learn the qualities of a health team leader through actual practice.

The students also carried out family case studies in the village community itself. As a part of the academic curriculum, all the students collected, compiled and analyzed data related to family health including data related to nutrition, immunization, utilization of health services and practices during time of pregnancy, child birth, child rearing etc.

Integral Health activities of the institution are representative of the institution’s vision to develop medical professionals who dedicate themselves to patient care with head, heart and soul. The objective of the activities is to sensitize the students and kindle in them the quintessential components of patient care which

go beyond pharmacotherapeutics and enables them to become humble instruments who can effectuate a healing touch. Evolve meetings are arranged once a month where faculty and students deliberate on a pre-decided topic pertaining to non-scholastic qualities of medical education. During the year, deliberations were made on topics which included.

The Divine Grace, Spiritual Dimensions of Health, Collaboration at Work, Soul, Science and Spirituality, Right Brain, Left Brain, Happiness, Prayer etc. Several Training Programmes were organized for faculty members and students on various subjects of complimentary and holistic health. Guest Lectures on various topics like Learning to Learn, Student Counseling, Physical Consciousness and Work is worship were organized for faculty and students during the year. For the post-graduate programmes, an innovative feature of the training program was the development and implementation of Generic Curriculum Modules by the Post Graduate Academic Cell. These modules addressed the development of soft skills of post graduates of all disciplines in areas of professionalism, communication, emergency patient care, teaching skills and research methodology. Some of the modules have already been implemented by the PG Academic Cell with the help of internal faculty from different disciplines. Almost all targeted PGs participated in the modules and feedback from PGs was obtained through a structured questionnaire at the end of the common curriculum modules. The modules were rated as very useful by participating students.

In order to make the post-graduate training more scientific and evidence-based, monthly institutional level forums were introduced. These include:

Inter Department Meetings: Interdepartmental meetings are regularly organized on the third Thursday of each month from July 2009 onwards to update the PGs and consultants in various fields on the diagnostic and therapeutic dilemmas in the field of Medicine. The cases that are selected by Coordinators, are those

where more than two departments are involved and there is team work required in managing the patient. The case is presented by 2 or more PG students from different departments and discussion takes place over the diagnostic and therapeutic modalities adopted in a given situation. At the end of the discussion, few consensus statements and guidelines are agreed upon as carry home messages for the students. 11 Interdepartmental have been held this year.

Clinico-Pathological Conference: Clinico Pathologic Conferences (CPC) were started from August 2009. CPC involves case discussion with its pathological findings for possible etiologies and management. Cases are taken from different international journals and hospital records. Depending on the type of case, the relevant departments are involved in presentation. Residents and consultants from various relevant departments attend the CPC. Seven CPCs were organized this year.

Grand Rounds: Grand Rounds were initiated in September 2009 to discuss the clinical cases in which multi-specialists are involved, with active participation from senior faculty of concerned departments as well as residents. The objective is to see that the post graduate students learn the proper approach towards clinical diagnosis with supportive investigations required to confirm a final diagnosis. Seven such Grand Rounds were held during the year.

Mortality Review: Mortality review meet is conducted to review the deaths occurring at the hospital, as each death can provide information that improves the healthcare system, care provided by healthcare professionals, and the hospitalization experience for patients and their families. Thorough and detailed discussion regarding the nature of events of some of the mortality cases is conducted and the overall mortality statistics are put forward during these meets. Sometimes case note analysis and proper filling of MCD (medical certificate of death) is also discussed. Ten mortality review meets were held this year.





Assessment

Assessment of students plays an important part in determining the priorities the students accord to various topics covered by the courses. While the effort is to place greater emphasis on the topics considered as "Must Know", with lesser emphasis on "Good to Know" and "Nice to Know", a systematic and uniform assessment pattern can contribute greatly to directing the energies of the students on learning the more relevant topics. The group formed as a part of this vertical is expected to review the current system of assessment by identifying the strengths and limitations and study the advantages and disadvantages of various forms/newer methods of assessment used in reputed institutes. The assessment system once established, can be presented as a model to the medical institutes within the country and outside.

OSCE: OSCE (Objective Structured Clinical Examination) was introduced for the first time in the wards, replacing the conventional viva voce exam on instruments etc., taken at a single table. OSCE was conducted instead of the internal examination conducted for the final year students after taking the students into confidence and getting them acquainted with the whole process. Under the OSCE system, all the students for a particular batch have to face the same set of questions at various stations, where objects for which the examination is being conducted are placed. The system removes subjectivity from the assessment as there is a standard set of answers which are objective in nature and not subject to interpretation. Though OSCE requires some planning, there is a uniformity in the questions asked and the students' assessment is therefore uniform and without bias. It is also possible to give students a feedback about their mistakes and those who know the steps of the procedures accurately can score full marks and vice versa. OSCE was introduced in July 2009 for the first batch and has now become a regular process for all the consecutive batches of final year students.

Clinical Training

Clinical training is perhaps the single most important activity that distinguishes medical training from other professional courses. One of the most significant shortcomings of the existing system of training is the almost complete absence of practical skills and knowledge among medical graduates and there is, therefore, great urgency in strengthening the clinical training component of the curriculum.

As a part of this process, integration of the 3rd year of the MBBS course is planned for the upcoming batch of students to teach some common diseases like Diabetes Mellitus and Ischemic Heart disease in the form of modules. Internship is an important element of the course that focuses almost entirely on practical training. In order to strengthen and focus the internship programme, an orientation programme was planned and held at the start of the internship to give interns an overall picture of what is expected from them and also to give them general information about various aspects like infection control, Ethics,

Law, counseling of patients, documentation, its importance and safe practices to avoid needle stick injuries.

The log book for the interns was also revised in order to bring about better understanding of the work carried out by the interns. Each Department enlisted the learning objectives and the skills that they expect the interns to learn at the end of their posting in the respective departments. These learning objectives and the number of procedures to be performed under supervision or otherwise were listed out in the log book.

Student Liaison

Students are the fulcrum of educational institutions and all efforts that an institution makes is targeted towards making them better. The Alumni of an institution is its most precious asset and a strong Alumni Association forms an important support mechanism for it. Recognising the role of the alumni in the building of the institution, PAA (PSMC Alumni Association) was launched on 31st January 2010 by holding its first Alumni meet. Alumni represented batches starting from 1987 across the 90's and the recent graduates.

The function was well attended by around 200 guests including 100 alumni. The office bearers and executive committee members were elected unanimously. Till date, 200 alumni have registered for PAA and various activities have been undertaken viz. creation of a newsletter to keep the alumni informed about the happenings at its alma mater, batch wise orientation of students about PAA, career counseling by Alumni during Internship and scientific sessions for faculty and students.

A phone helpline was set up in February 2010 as a part of the Student Support Cell and the Department of Psychiatry for exam-going students of the Institutes. During exams, students face multiple exam related problems like reading difficulty, anxiety symptoms, sleep disturbance, memory distortion and concentration difficulty, which if not dealt with properly, may aggravate and impair their performance. To prevent severe consequences and for early identification and management, a 24 X 7 phone helpline was put in place for student access. Around 20 students made use of the facility during their U.G., P.G., exams and consultation was given on the phone by giving simple tips on study and anxiety reduction. Out of them, 5-6 students called for personal counseling. Some of these needed regular intervention, multiple consultation and therapy.

A workshop was organized on Mentorship programme with an objective to actively involve the faculty in mentoring and counselling students. Counselling sessions at regular intervals are arranged for all the MBBS students by assigning 10 students per faculty.

A meeting with parents of 1st MBBS students was organized in March 2010 where parents had the opportunity to interact and discuss various issues related to performance and progress of their wards with the dean and the mentors. Written and verbal feedback was also taken from the parents.

For overall development of students, cultural events are organized as they not only help in bringing out latent talents of the students, but also help in relieving stress levels. They also help cultivate various soft skills viz. teamwork, sportsmanship, leadership, organizational skills etc. Various cultural events were organized during the year:

The H.M. Patel Football Tournament was organized by the students of 2nd MBBS from 26th to 30th June 2009.

The Department of Community Medicine organized a Poster competition for II MBBS students of "Primary Health care" and "Millennium Development goals" on 29th July 2009.

Horizon 2009 was held from 8th- 11th October 2009. Horizon is a college festival which includes various cultural events viz. Music and dance, Sports activities, Rangoli, Poster making competitions, Debates, Laughter show etc.





Faculty Development

To equip the students better, a pre-requisite is a good teacher, Faculty development activities, therefore, assume great importance for any educational institution.

While a number of faculty members have been trained in specialized programmes outside the College, several in-house programmes were also conducted to build basic capacities of medical teachers.

Student Research

Amongst medical students, research is in a neglected field confined to post graduate dissertation and a few research projects. The Indian Council of Medical Research runs its Short Term Studentship Programme to promote an interest and aptitude for research among medical undergraduates. The main objective of this programme is to provide undergraduate medical students the opportunity to familiarize themselves with research methodology and techniques, by being associated for a short duration with their seniors on ongoing research programmes or by undertaking independent projects. During the year, three students received short term scholarship by ICMR under the guidance of the Department of Pharmacology and Pediatrics. The department of Pediatrics is also part of a multicultural trial on Kangaroo Mother Care which is being fully funded by ICMR.

Quality Assurance

While there are a number of faculty members involved in various thematic verticals, the quality of the work carried out by them is required to be bench-marked and efforts made to improve them. The Quality Assurance activities are carried out with the objective to make quality the defining element of health education. The scope of work includes ensuring quality in health education inclusive of Internal quality control, External quality control and continuous improvement and also to assure stakeholders connected with health education of the accountability of the institution for its own quality and probity.

As a part of its efforts to improve quality in education, the College is preparing for National Assessment and Accreditation Council (NAAC), a process followed by only a handful of medical colleges in the country.

Scholarships

Merit-cum-need based scholarships are offered to deserving students after verification of the student's economic condition. The scholarship includes waiver of Tuition fees ranging between 75% - 25 % with the condition of serving the Mandal after completion of the course.

Scholarships for UG Students: Fulfilling the dream of the Founder, Shri H.M. Patel and in keeping with the traditional Gujarati spirit of philanthropy, the institute provides scholarships to meritorious students from economically weaker sections. The TATA-CAM scholarship started in 2008 for 10 management seat students admitted to the MBBS course, entered its second year.

The scholarship enables students to pursue medicine for an annual fee of Rs 5000/- (which is even less than the Government Medical College fee) against the current regular fee of Rs 4.00 lakh annually. The selection process of these students is rigorous and on the basis of merit. Only students whose gross annual family income is below Rs 2.00 lakh are eligible to receive this scholarship. The forms are carefully scrutinized, personal interviews of family members are conducted and visits to their homes and work place is conducted by a selection committee. The findings of the visit are then discussed internally by the committee which is followed by validation of the findings by expert educationists from outside. A trust has been supporting these students with additional financial aid in the form of books, aprons, dissection and bone sets, boarding and lodging. The total assistance received from the trust for this purpose during the year was Rs.10.11 lakh. Another scheme started with a corpus contribution of Rs.5 lakh in the year 2000, is aimed at awarding excellence in a co-curricular activity, the National Inter-Medical College Physiology Quiz competition.

Scholarship for Post-graduate courses: CAM has been providing merit-cum need based scholarships ranging from 50 – 75% of the total fees to meritorious PG students. Since the inception of this scholarship in 2004, 21 students have benefited through scholarships worth Rs. 2 crore. In 2009 – 2010, seven students benefited from scholarships totaling Rs. 31 lakh.

Recognition of all PG specialties and permission for more seats in post-graduate courses: The HM Patel Institute of Post Graduate Studies runs a total of 16 degree and 13 diploma programmes recognized by the Medical Council of India. With recognition of MD Biochemistry, MD TB & RD and MD Microbiology in January 2010, all the PG programmes stand recognized. Permissions by the MCI to increase seats in M.D Paediatrics, M.S. Otorhinolaryngology, M.S. Orthopaedics and decrease one seat in Diploma in Otorhinolaryngology and M.D. Pharmacology respectively have been granted.



K M Patel Institute of Physiotherapy

The Institute commemorated its 10th anniversary on 14th September 2009. As a part of these celebrations under the theme, **“Together Towards Excellence”** the Institute planned various activities throughout the year which would benefit both the students and the community.

Curriculum Design and Development

The new academic year for Undergraduates started in September 2009. The revised curriculum was implemented for the first time for 4th year BPT students. As per the revised curriculum, all the applied Physiotherapy subjects (Physiotherapy in Neurological conditions, Physiotherapy in Musculo-skeletal conditions etc.) would be taught in the final year. As part of teaching these subjects, a series of case presentations were made by the students throughout the year with active faculty participation. Log books have also been introduced for the final year students.

The Institute organized a Senior Teachers Meeting to discuss the Physiotherapy Curriculum on 13th March 2010 in which approximately twenty faculty from various physiotherapy colleges representing the state of Gujarat participated. Dr. Ashok Patil, Principal of Smt. Kashibhai Narhe College of Physiotherapy, Pune was invited as Expert Faculty. This initiative was the first ever attempt to bring uniformity in the curricula being followed in the state of Gujarat.

Student Liaison

Students of Physiotherapy celebrated the Annual Physio Week from 21st to 24th of December 2009. Dr. Prabhakar, Director, Government Institute of Spine, Civil Hospital, Ahmedabad was the Chief guest for the grand finale.

Along with Physio Week, the institute conducted its first ever Parent Teacher meeting on 24th December 2009. Most of the parents who attended the meeting, appreciated the initiative and expressed a desire that more such meetings be held in the

future. The second Parent Teacher Meeting was held on 20th March 2010 after the results of the 1st internal examinations were declared. Parents met the principal and the concerned class coordinators and had an opportunity to discuss about their ward's performance and progress. Each class coordinator presented details about the overall progress of their class; the initiative was greatly appreciated by the parents.

Quality Assurance

The Institute is probably the first Physiotherapy Institute in India, to have applied for accreditation to the National Assessment and Accreditation Council (NAAC).

Other major activities at the Institute were as follows:

The 4th Gujarat State Inter-Medical College Physiology Quiz Competition for First MBBS students was organized by the Department of Physiology on 18th April 2009. Teams from 11 medical college across the state of Gujarat participated in the competition; the team from Pramukhswami Medical College was declared the winner (represented by the First MBBS 2008-09 Batch students namely Ms. Kavita Agrawal, Ms. Pankti G. Shah and Ms. Janki Patel).

Physiotherapy students participated in the poster competition organized by the AD Gorwala Blood Bank of Shree Krishna Hospital on 29th September 2009 and won the 1st prize.

The institute organized a workshop on “Arriving at a Diagnosis” on 1st October 2009, specifically for postgraduate students and practicing physiotherapists of Gujarat.

The Physiotherapy students won the 1st prize for their poster on Pulmonary Rehabilitation, presented on the occasion of World COPD Day, on 18th November 2009.



G H Patel School of Nursing

Student Liaison

A guidance and counseling session for the Diploma in General Nursing & Maternity students was organized in December, 2009 in which counseling was carried out for their academic and personal problems. A vocational guidance programme was organised on 20th February, 2010 for the intern batch of 2009-2010. Various relevant topics viz. Scope of Nursing in India and Abroad and Preparation for Interview, were discussed to prepare the interns to enter the profession. The School celebrated its 30th capping ceremony and 25th Graduation ceremony on February 26, 2010. The Kadambari Alumni Association (KAA) was formed after contacting old students and convincing them to be alumni members.

Other Activities

The School organized an in-house, in-service Education Programme on "Components of Ward Management" based on the Quality Assurance model designed by the Indian Nursing Council for providing qualitative nursing service and care to patients on 21st July, 2009. It was an ongoing programme and continued up to December 2009. Forty five Nurses participated in the programme. Tests were conducted before and after the programme to assess knowledge gained. A Vocational guidance programme was organised for Shri Veer Vitthalbhai Patel High School at Karamsad on 22nd July 2009 where the students of Standard 10th and 12th were given details about the Nursing profession, the criteria for admission, duration of both the courses i.e. the Diploma course as well as the Degree Course, the Diploma schools and Degree Colleges in the state of Gujarat, the job opportunities after completion of the course as well as opportunities for further studies.

Smt. LP Patel Institute of Medical Laboratory Technology

Smt. LP Patel Institute of Medical Laboratory Technology, established in 1981 and affiliated to the Sardar Patel University, prepares health-care professionals in various diagnostic and therapeutic technologies used for patient care through its two courses viz. Diploma in Medical Laboratory Technology and the 2-year Degree course, M.Sc. in Medical Laboratory Technology.

Curriculum Design and Development

The Institute follows a rigorous academic calendar for teaching schedules and continuous internal evaluations. Students are given sufficient hands-on practice for laboratory investigations in the special practice-postings in addition to their regular lectures, practicals and rotational laboratory postings and are encouraged to prepare and present seminars and attend guest lectures. All the PG dissertations are carried out after due approval of the Human Research Ethics Committee as per Institute protocol. With the increased use of diagnostic and therapeutic technologies for patient care and the dearth of skilled man-power in this field; it was decided to commence a Graduate level course, B.Sc.- Medical technology in various specializations such as Radiotherapy technology, Imaging technology, Clinical laboratory technology, Respiratory therapy technology and OT & Anaesthesia technology.





PATIENT CARE

The vision of making the institution an example of the profession of Medicine has a profound meaning for patient care. For one thing, this would mean that the health care facilities of the Mandal would have to ensure that all those seeking treatment are indeed treated irrespective of any biases of caste, religion or economic standing. This also means that the care being provided has to be the most effective and holistic.

These expectations are not easy to meet. They would require the hospital to be financially strong enough to treat everyone regardless of their ability to pay. It would have to have modern and appropriate technology. It would need to keep sharpening the skills of its existing staff on one hand and acquire those skills it currently does not possess to make its services as all-encompassing as possible. And finally, it would have to evolve a culture that keeps patients at the centre of all its services. In order that it is able to work on these strategies in an effective manner, the verticals formed in the previous year developed operating plans. The plans were rigorously followed, reviewed and implemented. The focus of the operating plans this year was on improving operational efficiencies and bring them at par with industry levels and to make its services more patient-friendly. Towards this, a number of steps were taken that resulted in the operating costs at all verticals being monitored more closely with a view to bringing greater accountability and then continuously monitored to avoid slippages and to improve the physical amenities for patients. To improve patient service, efforts were made to make response time shorter and to make the rate structure simpler and easier to understand. Finally, the visit to St. John's Hospital at Bangalore and Christian Medical College & Hospital at Vellore provided a number of inputs on improving quality and services on the one hand and building excellence among staff members on the other.

These initiatives were spread across the healthcare institutions of the hospitals viz. Shree Krishna Hospital, M S Patel Cancer Centre, Bhanubhai & Madhuben Patel Cardiac Centre and the many extension centres located in the periphery. A brief report on the initiatives introduced during the year:

Shree Krishna Hospital & Medical Research Centre

The management of the hospital has now been organized around five major functional areas, referred to as verticals. These are outdoor services, indoor services, operation theaters, critical care and trauma services. In addition, three other verticals; laboratory services, imaging services and pharmacy services function as support to each of the hospital's five verticals. The Cardiac and the Cancer centers are managed independently as autonomous units. The activities of these verticals and the Cardiac and Cancer centre are detailed below:

Outdoor services

Free OPD registration: To make the out-patient services of the hospital available to the poorest in the community, the registration and consultations were made totally free during the year. The out-patient services, as a result, witnessed a significant increase in attendance demonstrating the community's confidence in the hospital's services. During the year, 2,79,995 patients were treated free at the various OPDs of Shree Krishna Hospital, an increase of 13 % over the previous year.

Day care: Privilege Day care, a premium service was launched during the year to facilitate patients in meeting consultants fast, have their investigations done promptly, hand deliver reports and receiving medicines without waiting in queues; and all this while being seated comfortably in a specially designed Lounge. The service was well received, with 3930 patients taking advantage of this facility during the year.





The Swasthyam Clinic was inaugurated on World Diabetes day, 14th November 2009, with the aim of addressing all life style diseases like obesity, diabetes and ischemic heart diseases with the help of a team comprising a physician, dietitian and a physiotherapist, all at one centre. The approach to tackle these diseases is essentially a holistic one. The erstwhile Diabetes Clinic has also been shifted to this centre, highlighting the importance of lifestyle changes required in the life of a diabetic.

Patient feedback is now being collected for two of the hospital's premium outdoor services; Privilege Day Care and the preventive health check-up programme named "Hello Health".

Participation in a number of awareness programmes: For those visiting the hospital to make them more aware of various disease conditions and their management, the hospital routinely organizes events. During the year, World Alzheimer Day to creating awareness for Dementia and World Disability Day to care for the physically challenged were observed.

In order to reduce the time a patient has to spend at the hospital, endoscopic procedures were initiated in the ENT OPD this year. Oto-endoscopy is conducted to confirm ear diseases like otitis media /wax/fungus. Nasal endoscopy is done for nasal disorders and video laryngoscopy is conducted for examination of larynx. With these facilities, the hospital is able to provide photographic images to patients in colour print or recorded CDs for full transparency and knowledge regarding their problems as well as to serve as a document for future consultation. The Pain Clinic which has been providing acute and chronic pain management especially for cancer patients since 2004 was made a part of the Specialty Clinic from December 2009.

Indoor services

Combating Swine Flu: With the spreading pandemic of H1N1 virus and increasing number of swine flu cases in the country, Shree Krishna Hospital's Department of Medicine took the lead in setting up an isolation ward as per the requirements

of the Government of India. An MoU was signed in the month of August 2009 with the Government of Gujarat to take responsibility for treating patients with suspected swine flu.

The Isolation Ward was created on a war footing within 7 days. A series of educational lectures were given by our faculty members to create awareness amongst the public, highlighting the precautions to be taken to prevent the disease. Lectures were also given to the hospital staff to ward off their fears about contracting the disease. In spite of knowing the risk involved, a number of nurses volunteered to take charge of the ward, which is an indication of their level of commitment. A separate OPD to handle cases having upper respiratory tract symptoms was started during the peak season. A number of suspected cases of swine flu were treated successfully in the Isolation Ward and managed for their critical illness till receipt of their reports with regard to their H1N1 status from the designated labs in Ahmedabad. After vaccination of the healthcare workers, 75 high risk persons have been vaccinated from various departments of the hospital after short-listing the staff.

Surgical Ward Renovation: Surgical wards have been renovated for facilitating the patients with better ventilation and lighting. Also, an air-conditioned burns ward was created with four cubicles for better treatment of burns patients.

In Service Education of Nurses: Training and development of personnel was emphasized to enhance the quality of services delivered and improve patient satisfaction levels. More than 30 training sessions were planned and conducted during the year, facilitated by the HR Group. Apart from technical training programmes, behavioural and soft skill training was also provided to the nurses.

Suites: Value-added indoor services have been launched under the omnibus Privilege brand for the hospital's premium services to provide maximum comfort and care to patients and their families. It includes two entirely new categories of accommodation; Privilege Gold Plus and Privilege Silver Plus, both being fully air-conditioned rooms. Privilege Gold Plus is a

suite available for single accommodation and Privilege Silver Plus is available on sharing basis for 2 patients. Other facilities in the rooms to add to the comfort include LCD television, refrigerator, electric kettle, cordless phone to make external calls and an attached wash room with hot and cold water. Privilege patients are also provided drugs on credit. To provide for a more patient-friendly environment, the hospital has recruited ward secretaries to ensure smooth admission and discharge procedures.

Formation of I.V. Teams and Infection Control measures: The Hospital Acquired Infection Control Committee (HAICC) has been actively involved in all activities related to prevention and control of hospital infections and in the preparation of the Infection Control Manual in addition to conducting training and awareness programmes, implementation and subsequent monitoring of various infection control practices, continuous surveillance of various device associated infections, CSSD and biomedical waste management. During the year, the Committee trained a group of senior nurses from all areas as Infection Control Leaders to take the lead in monitoring practices and training of their subordinates. They also carried out an Infection Control Audit in co-operation with an external agency to identify areas where infection control efforts need to be focused. The HAICC also trained and formed an I.V. team consisting of nurses to attain the highest standards in I.V. Practices. The post exposure prophylaxis (PEP) programme has also sensitized the staff about accidental needle stick injuries and the PEP protocol put in place through a series of training programmes has resulted in the highest number of needle stick injuries being reported during 2009-10, compared to previous years. Hepatitis B vaccination programmes were arranged twice ensuring that all employees of the hospital are vaccinated.

Third Party administrators and Cashless services: In the current scenario of decentralization of various services for efficient delivery and a wider spread to gain a larger market share and make the services more accessible, especially with respect to the health insurance sector, the role of Third Party Administrator (TPA) was introduced by Insurance Regulatory and Development Authority (IRDA) of India in 2001. Cashless services are provided to those patients who are eligible in the criteria set by the Insurance Company or the concerned corporate organization with whom the hospital is empanelled. Shree Krishna Hospital is now empanelled with a number of TPAs to offer cashless hospitalization facilities to health insurance policy holders of various insurance companies and to employees of various corporates. The hospital extended its cashless services to 17 patients during the year.

Concessions Systematised: In its continuous effort to provide healthcare services at the most affordable rates, the Mandal has introduced many schemes especially for the underprivileged.

Some highlights: For senior citizens, a 25% discount on Laboratory and Radiology charges and 7.5% discount on medicines for IPD and OPD patients. In addition to this, a 25% discount is given on stay charges on admission in ICUs.

“Antyodaya” programme is for patients who are from Below

Poverty Line (BPL) category, as evidenced from their ration card status. Such OPD patients get 25% discount on Laboratory and Radiology charges, a 50% concession on admission for all treatment including ICU charges. They also get a 10% discount on pharmacy both as out-patient and in-patients. Some waiver in the bill is made to support patients who are not able to meet the treatment expenses after a socio-economic assessment of the patients and their relatives. In order to enable the treating consultants to have a say in the decision-making related to such discretionary concessions, each clinical unit has been allocated a certain percentage of their income upto which it can provide concessions.

Operation Theatres

Introduction of OT Sub-stores and subsequent cost saving on consumables:

To provide for greater accountability, a Surgical Pharmacy was created in April 2009 from where patients can now replace all the surgical items used in surgery. This has led to greater accountability and less clerical work for the sisters in-charge. A sub-store was also created inside the OT and Trauma for better supervision and control of anaesthetic drugs especially narcotic drugs. This has resulted in a reduction of direct expenses of OTs as well as reduction in the cost of surgery for patients.

Since April, levels for surgery have been defined ranging from 1 to 12 for each surgery ensuring more transparency and standardization in the process of surgical charges of the hospital.

Critical Care

As in the case of OTs, Sub-stores were created in each ICU to control the use of consumables and have been of great assistance in bringing down the cost of treatment considerably.

A number of steps were taken by the ICUs to improve quality of care and patient services. These included:

Hand washing and hand rubbing practices were implemented on a war footing in all the ICUs. Cap and mask at entry of SICU has been introduced along with infection control practices.

The ICUs received more life saving equipment in the form of ventilators (five), infusion pumps (ten), portable doppler machine and saturation monitors (four). A stand alone high frequency oscillator “Sensormedics 3000A” was obtained for pediatric patients. At the time of installation this was only the second such equipment available in the State.

Digital photo frame system was introduced at the NICU which helps the parents of admitted babies at NICU to see their baby's photographs.

In March, Shree Krishna Hospital signed a Memorandum of Understanding with the Government of Gujarat for implementation of Balsakha Yojna (I&II). The scheme is aimed



at reducing the neonatal mortality rate by providing immediate expert care to the new born and covers all treatment and pharmacy charges for 30 days from birth. 31 Balsakhas were registered this year.

Trauma and Emergency Care

A new entrance for trauma for more than one ambulance to enter at a time has led to a reduction in time taken for trauma /emergency patients to get admitted and thus receive faster medical treatment which is vital for saving their lives. Nearly 300 emergency cases in a month were brought by EMRI ambulances which includes all types of surgical, medical and orthopaedic emergencies. 9399 emergencies were registered during the year out of which, 2517 patients were brought to the hospital by the EMRI (108) ambulances.

Central Diagnostic Laboratory

The laboratories witnessed a 15% increase in workload compared to the previous year. In continuation of practices and processes which were started in the context of NABL accreditation in 2007, the CDL went through its annual internal audit and proficiency testing of the staff along with internal and external quality control, equipment calibration etc. The reassessment audit by NABL was held in January, 2010 by technical assessors. This was followed by assessment by the lead assessor in February. There were very few non-conformances which were closed within the stipulated period. For the achievement of NABL accreditation, the CDL was felicitated at a function organized by Quality Council of India, Government of Gujarat and Federation of Indian Chamber of Commerce and Industries (FICCI) in February 2010.

In our quest for quality, yet another milestone was reached when the AD Gorwala Blood Bank applied for accreditation by National Accreditation Board of Hospitals and Healthcare Organizations. The pre-assessment was on 17th January. There were 15 non-conformances, all of which were closed within two months. In the final assessment, on 12th and 13th March, there were a total of 26 non-conformances, 16 of which were closed on

the same day while the others were closed within the stipulated time. The assessors strongly recommended accreditation for the blood bank, subject to closure of non-conformances. It is anticipated that with the accreditation of AD Gorwala Blood Bank, ours would be only the 17th Blood Bank and the 3rd Medical College in the country to have been able to do so. In the context of quantity too, the blood bank saw a significant increase in workload, 81 voluntary blood donation camps were organized compared to 61 in the previous year, with a total collection of 5983 units of blood. In spite of the significant increase in demand of blood and blood products, the blood bank was able to maintain a voluntary blood donation rate of 90%. The blood bank processed 100% components from whole blood with dispatch of total 9397 units compared to 6172 units in the previous year. In order to encourage voluntary blood donation, two events were organized within the year. Firstly, a skit competition was organised in October. Secondly, a motivation programme was held in March where centurion blood donors including a lady centurion donor and a handicapped centurion donor participated and delivered talks. These were followed by a felicitation ceremony for organizers of blood donation camps.

While the focus has been on quality in the past two years or so, the team at CDL realized that it was now time to focus on marketing and bring more work from outside the hospital. A marketing team was formed, which visited various doctors and hospitals in and around Anand. Two CME programmes were organized; one at Bhadrans and the other at Anand, to create awareness about the services offered by the CDL and also the importance of transfusing components rather than whole blood.

A noteworthy achievement was introduction of a Pneumatic tube system for the transport of blood samples, blood products, medicines and dispatch of hard copies of the reports. 10 stations are connected by 598 metres of tubing installed across the hospital which is of great help in patient care especially for patients in ICUs, trauma and operation theaters, where time is a very critical factor in saving lives. In the pneumatic system, blood samples/products are transported in few seconds compared to the regular 20 - 30 minutes by hand delivery to wards or lab.



Radio Diagnosis

Interventional Radiology services were added during the year. An Interventional Radiologist trained in the USA visits the hospital twice a week and offers non-surgical treatment options in many important conditions such as - Angiographic control of bleeding from uterus, lungs or intestines, complete cure from uterine fibroids which are responsible for heavy periods and infertility, getting samples of tissue-guided biopsy from bones, pancreas, lungs, etc. and treatment of liver cancers using radioactive spheres.

Interventional Radiology is also useful in the treatment of stroke, if the patient were to reach the hospital within 3 hours of development of symptoms of paralysis, speech disturbance, etc.

Pharmacy

The total retail sale of the pharmacy at Rs. 717.70 lakh was higher by 51.44 % compared to the previous year. On an average 850 prescriptions are handled per day through the various pharmacy outlets at the hospital. The pharmacy also added 245 items to its formulary during the year. The total number of items in the formulary now stands at 2025.

Bhanubhai & Madhuben Patel Cardiac Centre

Bhanubhai & Madhuben Patel Cardiac Centre completed its first year of operation on 8th October, 2009. A unique programme, "Nurturing Life", was initiated to identify

donors who would partially or completely pay for treatment of children suffering from heart ailments and cannot afford cardiac surgeries. "Heart to Heart" yet another programme, launched during the anniversary, provides privilege services to doctors who refer cardiac patients to the Centre such as free registration in CMEs organised at the Centre, certain discounts in treatment of doctors and their families etc.

A dedicated mobile number, referred to as Shree Krishna Heartline, has been put in place and publicized to receive cardiac emergency calls.

A Coronary Care Unit (CCU) started functioning from 17th August 2009 which receives 30-35 cardiac emergencies every month. This CCU is manned 24X7 by Intensivists and supported by a cardiac ambulance which functions as an ICU on wheels. 122 cardiac surgeries (45 Adult + 77 Paediatric) were carried out during this period and more than 400 cath-lab procedures were performed. Many complex and rare surgeries such as REV (Reparation a l'étage ventriculaire), Norwood Procedure, Double Switch, etc were carried out. The first ever device closure for Atrial Septal Defect was also carried out during this period. The number of out-patients treated were over 2000 in this period. Seven camps and 6 CMEs were organised during the year in places such as Indore, Khambhat, Baroda, Mehsana, Anand and Nadiad and were well received by the participants.







MS Patel Cancer Centre

There has been a steady growth in the division of Oncology since its inception. By complimenting their expertise with a compassionate approach to care, doctors at the Cancer Centre continue to be committed to treat the whole person and not the illness (cancer) and develop a cost - effective treatment plan.

In 2009-10, the Centre saw a total of 7400 patients of which 1100 were new patients, 340 patients required radiation therapy, 380 patients underwent surgeries which included major and minor surgeries, 320 patients were administered 1440 cycles of chemotherapy and 210 new patients had advanced disease at the time of the diagnosis and were given palliative treatment.

The fifth Anniversary of the Centre was celebrated on 27th August 2009 at Sardar Smarak, Karamsad. The theme of the meeting was "Pediatric Cancer Survivors – the difference our treatment made!". The emotionally charged meeting was attended by 650 patients which truly showcased our victory over this dreaded disease.

The cancer center has been actively involved in the participation of sponsored clinical trials; 2 in house clinical trials initiated in 2007 were published in the American Journal of Clinical Oncology and International Journal of Radiation Oncology, Biology and Physics. The total amount of free treatment offered was about Rs. 26 lakh (50,000 USD), compared to Rs.18.37 lakh in the previous year.

Collaboration with the Government of Gujarat

The hospital has been actively collaborating with the State government for several programmes, including Chiranjivi scheme, described later. these programmes include:

Integrated Counselling and Testing Centre

The Centre, which is supported by the Gujarat State AIDS Control Organization, registered 7874 patients, of which 153 cases were found to be HIV positive. 1668 tests were performed on pregnant women as a part of the 'Prevention of Parent-To-Child Transmission' (PPTCT) programme while 6206 tests were performed by the 'Voluntary Counselling and Testing Centre' (VCTC). All the patients were given pre-test and post-test counselling and positive cases were referred to ART centres for further follow up in accordance with the guidelines laid down by the National Aids Control Organization.

Revised National Tuberculosis Control Programme

The Department of TB and Chest started an Asthma –Chronic Obstructive Pulmonary Disease (AC Club) on World Asthma Day, 5th May 2009. On this day, more than 300 patients registered themselves in the club and PFT (Pulmonary function tests) were done free of cost. This is the first time that a club of this nature has been established in India.

Sexually Transmitted Diseases Clinic

Sexually Transmitted Diseases Clinic, supported by the National AIDS Control Organization conducted Antenatal with testing for Syphilis of 1341 patients free this year. Of these, for 266 patients who were positive, further investigations were done and treatment and counselling to the patient and his/her sexual partner was given. Sixty seven out of these were males and the rest were females.



MAQUET ALM

NEW EQUIPMENTS, FACILITIES & SERVICES AT A GLANCE

AD Gorwala Blood Bank

A centrifuge for the separation of blood components from whole blood was installed with the help of funds received under the National Rural Health Mission (NRHM) through the Gujarat State Council of Blood Transfusion.

Central Diagnostic Laboratory

Biosafety Level II Cabinet was installed

Department of Anaesthesia

Anaesthesia machine equipped with stimulator and stimuplex stimulating catheter for continuous nerve blocks were installed. Pain clinic was started.

Department of ENT

Optical telescopic bronchoscope forceps, 15° MLS scope and three chip camera were added.

Department of Forensic medicine

Postmortem room was expanded from one table to three tables. Autopsy skull saw and electronic weighing machines were added.

Department of Medicine

“Swasthyam Clinic” for treatment of lifestyle diseases was launched. A new isolation ward for H1N1 infected patients was started

Department of Obstetrics and Gynaecology

USG facilities at Ardi Health Centre for antenatal mothers were started.

HIV – testing facility for antenatal mothers (free of cost) was extended at Ardi, Karamsad and Tribhuvan Das Foundation Centres, in accordance with instructions received from the Government. Family Planning services were initiated at Bhadrans, Karamsad etc.

Department of Ophthalmology

ZEISS Ophthi-Umera Microscope with assistant bicroscope with EIBOS system for vitreoretinal surgery was added.

Department of Pediatrics

1 high frequency ventilator, 2 conventional ventilators, 5 infusion pumps, 4 syringe pumps and 1 Laminar flow were acquired
Department of Physiology A body fat monitor was acquired.

Department of PSM

24-hour facility for conducting normal deliveries was started at UHTC Petlad.

Department of Psychiatry

A phone helpline was started for exam-going students of Pramukhswami Medical College. Alcohol De-addiction Clinic” was started.

Department of Radio diagnosis

Interventional Radiology services were added.

Department of Skin and Venereal Diseases

Narrow band therapy for patients of psoriasis, Vitiligo, lichen planus and photodermatitis was started.

Bhanubhai & Madhuben Patel Cardiac Centre

Coronary Care Unit (CCU) was started.



Community Extension

In line with our vision, we need to deliver to the community, especially in the villages, need-based health programmes that lead to improvement in the health standards of all and also contribute to national health care policies and practices and doing so by networking with other institutions having a similar mission. Towards this end, the Mandal initiated a number of programmes and activities.

Cancer Awareness, Education and Early Detection Programme:

The Mandal, in collaboration with the Tribhuvandas Foundation continued to extend its reach to more than 500 villages for its unique Cancer Awareness, Early Detection and Treatment Programme. The programme, being implemented since 1999, has been responsible for a number of educational activities at grass-root level and has been successful in generating awareness among the community regarding cancer, benefits of its early detection and cure.

Field-level activities carried out by Village Health Workers of Tribhuvandas Foundation:

Particulars	April, 2009 to March, 2010
Villages covered	5221
New Home visits made	131447
New beneficiaries contacted	609821
Women	291305
Men	318516

To detect cancer at an early stage, early cancer detection camps were organized at Balasinor, Kapadvanj, Tarapur, Kheda and Anand centres of the Foundation. Of the nearly 1000 who attended the camps, 215 patients were referred for further treatment to SKH.





Thursday Cancer Camp

Thursdays are earmarked as cancer detection day at Shree Krishna Hospital. All cancer suspects are referred by the VHWs of the Tribhuvandas Foundation (TF) as well as Arogya Sahyoginis from the villages adopted by the Mandal to Shree Krishna Hospital for further diagnosis. Total 3369 patients were referred from the various centres of TF and 499 patients were referred from the villages Supported by the Mandal during the year. The Mandal has adopted 27 villages to deliver primary health care services to the rural community through its village health workers having referral linkages with the support of hospital services. The services are performed by Arogya Sahyoginis, trained by the Mandal. This is an experimental project aimed at creating a model of primary health care, where trained field-level workers are able to provide basic health services and earn to make the programme self-sustaining.

Mandal's Grassroot-based Extension Programme

The Mandal has adopted 27 villages to deliver primary health care services to the rural community through its village health workers having referral linkages with the support of hospital services. The services are facilitated by Arogya Sahyoginis, developed by the Mandal. This is an experimental project aimed at creating a model of primary health care, where trained field-level workers are able

to provide basic health services and earn to make the programme self-sustaining.

The following activities were conducted during the year in 27 Villages: Village health workers conducted 1177 health talks on "Hazards of Tobacco" during this period, which was attended by 31,289 participants. A total of 9992 patients were examined at the Village Clinics. Antenatal care was provided to 5379 mothers, out of which 449 cases were referred to the Hospital. 297 deliveries were conducted at the villages, 27 were conducted at Shree Krishna Hospital, and 584 were conducted at other places.

Krupa Arogya Suraksha

The Mandal's social security programme that aims to insure the health of the community by pooling together a token amount from individuals (a hospitalization cover of Rs.5000 for an annual subscription of Rs.90), Krupa Arogya Suraksha (KAS) attained a total membership of 51,989 as on 31st March 2010. The scheme enrolled 30,937 new members during the period and ensured more than 50% renewals. Of the new members enrolled, 5,785 were students from various colleges and schools. Rural members contribute to the bulk of the membership, approximately 60%, while the other significant groups among the members are school



or college-going students and workers in industries. During this year, donations of Rs. 3, 17,224/- were received from individuals and organizations by KAS to support BPL families while subsidizing the membership amount. The Krupa team along with a doctor visits nearby villages weekly to provide treatment for common ailments, while the field coordinators of Krupa visit each enrolled household to educate them about their benefits under the scheme. Krupa offers subscription option of food grain for poor families. The food-grain-based annual subscription in KAS is obtained against 10 kgs. of any variety of wheat or 15 kgs of any variety of bajra per family member. Thirty five members got enrolled under this option in the Krupa scheme this year.

Cancer krupa

'Cancer Krupa' was launched during the year to extend the social security programme to even fatal diseases like Cancer. This would enable members to cover the risk of meeting the cost of treatment of cancer, which is extremely expensive. Under this scheme, a healthy couple can subscribe for the scheme on payment of only Rs.2400. With this amount, the members are eligible for treatment up to an amount of Rs.75,000 which includes early detection and investigation charges. During the year, 66 members were enrolled in this scheme.

General Campus

During the year, various general camps were organized in Bhadran and Madhya Pradesh. The general camp organized at Jaora, MP recorded the highest number of patients, over 4000, who were registered and treated. The camp was sponsored by a local family from Jaora, who provided all the logistical support for the stay, accommodation, promotional activities and bore the cost of medicines and diagnostic services.

Chiranjeevi Scheme

The Mandal has been making efforts to reduce perinatal morbidity and mortality. During the year, 346 mothers were treated under the scheme, an increase of 6% over the previous year. Of these, 185 had normal deliveries and 161 caesarean sections were performed.



The Mandal's Shree Krishna Hospital has extended all its treatment facilities ranging from Medical ICU to Neo-natal ICU services to all those who need it, under the scheme, irrespective of the cost of the treatment. The treatment cost of Chiranjivi beneficiaries varied from Rs. 2000 to more than Rs 2 lakh per beneficiary, with an average expense of Rs. 8074, against a reimbursement of only Rs 1545 per beneficiary from the Government of Gujarat.

Tobacco Cessation Clinic Programme

The objectives of the Tobacco Cessation Clinic (TCC) are to spread awareness about the hazards of tobacco among the community, industrial workers and college / school children, to detect tobacco related disorders and to provide counseling and necessary treatment for de-addiction. Many industrial workers benefited from enrollment in the various TCCs held this year which were supported by WHO (World Health Organization). Presentations were made at various educational institutions for spreading awareness about the ill-effects of tobacco.

Red Ribbon Club Programme (HIV/AIDS)

The Mandal has selected 35 colleges to create awareness among the youth on HIV/AIDS and to educate them about the importance of a healthy life style. This project is being implemented through an MoU signed with the Gujarat State AIDS Control Society (GSACS). Around 30 awareness building activities viz. lectures, advocacy/training programmes, poster competitions and role plays, were conducted in various colleges at Anand, Vidyanagar, Karamsad, Bakrol, Boriavi and Vadtal under the programme.



Research

The Mandal's vision requires continual updation of the capabilities of its staff to serve humanity better. This would mean updation of both skills and knowledge. The updation is also necessary for both patient care and education.

Research is an important element contributing to such upgradation. Recognising the need to provide a focused approach to research and to create greater awareness and support for research-related activities, the Mandal established Central Research Services (CRS) with professional and dedicated staff.

A wing for clinical trials was established in September 2009 to venture into this rapidly expanding field with 3 clinical research coordinators. In a short span of six months, about 150 feasibility studies were completed, out of which 10 clinical trials were started (2 completed) in various departments of Shree Krishna Hospital. Four papers guided by the CRS received awards at national and state level conferences.

The CRS has also been spearheading the Mandal's efforts to get itself registered as a Scientific and Industrial Research Organization (SIRO). As a result of these efforts, the Ministry of Science and Technology, Government of India has recognized the Charutar Arogya Mandal (CAM) as a SIRO.

Around 32 student dissertations were conducted this year, under the guidance of the faculties of various departments. CRS reviewed these dissertations at the end of the year and six of them were recognised as the best dissertation projects this year. The following major activities related to research were undertaken:

Collaborations

Department of Statistics, Sardar Patel University has agreed to collaborate with CRS for the practical training of their M. Sc. Students in medical research, thereby helping CRS outsource some of its analytical workload. CRS has also been requested to develop and conduct a possible optional course viz. "Epidemiology", for M.Sc. (Biostatistics) students in 2010-2011.

Dr. AP Gore and Dr. Sharayu Paranjape, senior professors of Statistics at the Pune University, as well as members of National Advisory committee on Statistics to the Prime Minister of India visited CRS on 27th February 2010 and emphasized on strong collaborations for CRS with external agencies and institutions to address the societal problems in a comprehensive and effective manner. Subsequent to the visit of Prof. O' Dale Williams to Charutar Arogya Mandal in September 2009, a teleconferencing schedule was established with Alabama University, USA. Pertinent issues regarding diabetes research and statistics are being discussed regularly. Also, on request from the authorities of Hearing and Speech Impaired Children School at Nadiad, a nutritional assessment and intervention programme is being conducted since

December 2009.

Students received for internship from other institutions:

- Dhirubhai Ambani Institute for Information Technology, Gandhinagar, approached CRS for collaboration for their rural internship programme. Under this programme, four students were placed in Ardi for a period of one month (Nov-Dec 2009) to understand rural India and problems faced by the people of rural India.
- Dr. Mrina Patel from Sikkim Manipal University completed one month internship in clinical trials.

Capacity building workshops

Attended

- Mrs. Jaishree Ganjiwale and Ms. Dhara Antani successfully completed a certificate course in SPSS conducted by Department Of Statistics, Sardar Patel University in May 2009.
- Dr. Nayanjeet Chaudhury and Mr. Ajay Phatak participated in the "Workshop on Ethical Issues in Biomedical Research" organized by IIPH (Indian Institute of Public Health), Ahmedabad from 21st -23rd May 2009.
- Dr. Nayanjeet Chaudhury, Mr. Ajay Phatak, Mr. Chirag Patel, Mr. Jayesh Parikh and Ms. Komal Patel participated in UGC sponsored National workshop on "Medical and Pharmaceutical Statistics" at Department of Statistics, Sardar Patel University from 25th to 28th February 2010.

Organized

- A sensitization workshop for the PG guides on "Critical thinking and research components on 29th April and 1st May 2009.
- A State level workshop for the PG students of Gujarat on "How to read a research paper in Health and Medicine" on 21st June 2009.
- Workshop on "How to critically appraise a scientific paper" for the faculty members of Charutar Arogya Mandal on 7th and 8th July 2009 and on 27th and 28th July 2009.
- A second workshop on "How to critically appraise a scientific paper" was organized on 27th and 28th July 2009 for the faculty members of Charutar Arogya Mandal.
- A workshop on "Introduction to research methods" for residents of Pramukhswami Medical college on 24-25 August, 2009.
- A workshop for standardization and training of volunteers of H1N1 survey on 11th October, 2009.



Research Projects Completed

Anaesthesia

- “Brachial block by mid-humoral approach using nerve locator” by Dr. Alpa Patel (Chief Investigator) and Dr. Sadhana Sanwatsarkar (Co-investigator); supported by CAM

Anatomy

- “Development of human nucleus ambiguus during fetal period” by Dr. RV Routal supported by CAM “Introduction of case based learning for teaching anatomy in a conventional medical school” by Dr. Praveen R Singh supported by CAM & FAIMER

Central Research Services

- “Silicosis amongst Agate workers at Shakarpur” by Dr. Nayanjeet Chaudhury, Mr. Ajay Phatak, Dr. Rajiv Paliwal, Dr. C Raichaudhary and Mr. Ajay Phatak, supported by CAM
- “Pulmonary Function and nutritional profile of silicotic patients” by Dr. Nayanjeet Chaudhury and Mr. Ajay Phatak, supported by CAM.

Forensic Medicine

- “Forensic implications of anesthetic surgery” by Dr. CB Jani
- “Journey of JIAFM- When, where & how” by Dr. CB Jani
- “Homicide trends at Surat” by Dr. Sanjay Gupta & Dr. Pranav Prajapati

Medicine

- “Prevalence of Diabetic Neuropathy and its correlation with other complications of Diabetes” by Dr. Jyoti Mannari & Dr. Alpa Leuva
- “Determination of Sex from Mastoid Process by Discriminant Function Analysis” by Dr. Sumati, Dr. Patnaik VVG and Mr. Ajay Phatak

Pediatrics

- “Effect of KMC on pain reduction in neonates” by Dr. Neha Chaudhary and Dr. Somshekhar Nimbalkar
- “Outcome of early KMC in preterm newborns on CPAP” by Dr. Rahul Tandon and Dr. Somshekhar Nimbalkar
- “Reduction of neonatal pain with 25% lingual dextrose” by Dr. Ankit Sinojia and Dr. Somshekhar Nimbalkar

Ongoing Research Projects

Anatomy

- “Dermatoglyphics in Rheumatic heart disease” by Dr. Praveen R Singh

Central Research Services

- “Ardi hypertension study” by Dr. Nayanjeet Chaudhary and Mr. Ajay Phatak “Petlad slum survey” by Dr. Nayanjeet Chaudhary, Dr. Uday Shankar and Mr. Ajay Phatak

ENT

- “Patterns of survival in Head & Neck Cancer” by Project of Establishment of Atlas for Cancer in India by Dr. Girish Mishra (CI) and Dr. Harita, supported by ICMR & WHO
- Project on on HBCR” by Dr. Girish Mishra (CI) supported by ICMR
- Efficacy of DP - OAE in screening of hearing loss in neonates and children 2 yrs” by Dr. Girish Mishra & Dr. Yojana Sharma

Forensic Medicine

- “Study of diatoms” by Dr. CB Jani
- “A study of knowledge and perspectives of medical fraternity in context to medical fraternity and its ethical and legal aspects” by Dr. Sanjay Gupta & Dr. Ravi Panchal
- “A 3-year postmortem study of natural deaths at Shree Krishna Hospital, Karamsad” by Dr. Sanjay Gupta & Dr. Ravi Panchal

Medicine

- “To find out the prevalence & classification of Urinary Tract Infection & Urinary Incontinence in perimenopausal women (>40 years) and to study the effect of Physiotherapeutic intervention on Urinary Incontinence in women attending the Medicine & Gynaecology OPD of Shree Krishna Hospital for a period of 6 months or 400 patients” by Dr. Jyoti Mannari, Dr. Devangi Desai (Medicine), Dr. Nitin Raitatha, Dr. Smruti Vaishnav (Gynaecology), Dr. Lata Parmar and Dr. Daxa Mishra (Physiotherapy)
- “Ethical guidelines in instructions to Contributors and adherence by Authors - an analysis of Indian Biomedical Journals” by Dr. Himanshu Pandya, Sarmishtha Ghosh, Dr. Barna Ganguly and Dr. Somashekhar Nimbalkar (Work completed in 2006, data not published; additional data required to complete and publish work)

Orthopedic

- “Drug trial for treatment of DVT” (said drug is as effective as Warfarin) by Dr. Naveen Sharma

Skin

- “Study of Geriatric Dermatoses at a Rural based Hospital, Karamsad” by Dr. Pragya

TB and Chest

- “Title evaluation of proficiency in using different inhaler devices amongst primary and emergency care provider interns and residents” by Dr. Nimit Khara, Dr. Ravish Kshatriya

Projects Approved by HREC

ENT

- “Validating effectiveness of sub mandibular gland transfer for prevention of Xerostomia” by Dr. Siddharth Shah.

Forensic Medicine

- “A study of knowledge and perspectives of medical fraternity in context to medical fraternity and its ethical and legal aspects” by Dr. Sanjay Gupta & Dr. Ravi Panchal
- “A three year postmortem study of natural deaths at S.K.H. Karamsad” by Dr. Sanjay Gupta & Dr. Ravi Panchal

Medicine

- “Enteric fever- clinical profile, antibiotic sensitivity pattern and treatment response” by Dr. Ripal Shah

GH Patel School of Nursing

- Three proposals for Intern students’ research were approved by HREC, conducted and report submitted to Nursing School and Gujarat Nursing Council.
- “A study of knowledge and practice of staff Nurses about Infection Control” by Ms. Aanal Vaghela, Ms. Raxa Patel, Ms. Kinjal Christian, Ms. Mittal Patel, Ms. Rashmi Patel & Ms. Rutu Solanki
- “A study of knowledge & practice of third trimester mothers regarding Birth Preparedness” by Ms. Druvita Patel, Ms. Micky Patel, Ms. Manini Patel, Ms. Kinjal Patel, Ms. Darshana Patel, Ms. Mona Patel
- “Patients’ Satisfaction for Nursing Services” by Ms. Swati Sadhu, Ms. Parisa Patel, Ms. Megha Bhatt, Ms. Kinnari Patel, Ms. Charmi Patel and Ms. Neha Patel

Research projects in collaboration with outside agencies

Medicine

- “Multicentric trial enos evaluating role of nitroglycerine and management of B.P. for patients with acute stroke” by Dr. Soham Desai run under Multicentric trial “enos” from University of Nottingham, Dr. Philip Bath

Pediatrics

- “Community based Kangaroo Mother care to low birth weight babies” by Dr. Shashi Vani and Dr. Nikhil Kharod run under Indian Council of Medical Research

TB & Chest

- “Multicentric study on “COPD genomics” by Dr. Rajiv Paliwal, supported by South Asian Network for Chronic Diseases (SANCD).

Clinical Trials conducted

Oncology

- “An open label, balanced, randomized, two-period, two-treatment, two-sequence and two way crossover study to evaluate safety and pharmacokinetic comparison of intravenous infusion of Paclitaxel Lipid Suspension and Taxol® in Patients with Metastatic breast cancer” by Dr. C. Haritha (PI), Dr V. Shankar (Co-PI), Mr .Chirag and Mr Jayesh (CYCs)
- “A multicentre, randomized, open label, two period, two-treatment, two-way crossover, bioequivalence study comparing Capecitabine tablets 500 mg (manufactured by Intas Pharmaceuticals Ltd., India) to the reference listed drug XELODA® 500 mg tablets (manufactured by Roche Pharma AG, Germany) in patients of locally advanced or metastatic breast cancer or metastatic colorectal cancer under fed condition” by Dr C.Haritha (PI), Dr V. Shankar (Co-PI), Mr .Chirag and Mr Jayesh (CYCs)

Clinical Trials ongoing

Cardiology

- A multicenter, randomized, double-blind, placebo controlled study to evaluate cardiovascular outcomes following treatment with Alogliptin in addition to standard of care in subjects with Type-2 Diabetes and Acute Coronary Syndrome” by Dr. Sunil Thanvi (Principal Investigator), Dr. Himanshu Pandya (Co-PI).

Oncology

- A Pharmacokinetic study of Docetaxel new formulation by 1 hour intravenous infusion in patients with advanced malignant solid tumors (monotherapy dose escalation of Docetaxel with two-way crossover of Docetaxel and Taxotere at the final dose level)” by Dr C. Haritha (PI), Dr. V. Shankar (Co-PI), Mr. Chirag and Mr. Jayesh (CYCs)



SUPPORT SERVICES

Much of the employee satisfaction and job enrichment of the organisation depends on the efforts of the Support Groups. To achieve these objectives, the support services groups strived to ensure that the departments carrying out line functions were supported with optimum response time, their services are recognized as staff-friendly and avenues and opportunities are created to enhance a sense of ownership amongst employees.

With the objective of standardizing of the efficiency levels and turnaround time of support services, service level agreements were carried out by the support service groups. The tasks which form the major work flow of support service groups were identified and listed with their brief description. An indication of the expected time to undertake these tasks was put down and it was further broken down/ negotiated for emergency situations. These were then circulated to the various user departments of the Hospital.

The major activities of the Support Services Groups during the year were:

Accounts

During the year, the department assisted the Systems Group to develop an in-house integrated Financial Accounting System (FAS) on the lines of ERP by providing requirements to be considered in the FAS software. Due care has been taken to incorporate such features as budgetary control, costing and management accounting.

The National Committee for Promotion of Social and Economic Welfare, New Delhi approved the Cardiac and Cancer Projects of Charutar Arogya Mandal for a period of 3 years from 2008-09 under section 35 AC of the Income Tax Act, 1961. Donations to the Mandal under these projects would enjoy 100% tax benefit and free treatment would be available to patients having annual income below Rs. 18,000. Donations to the tune of Rs. 620.88 lakhs were received by the Mandal under 35 AC during the year.

The Department assisted in the Mandal's appeal at various levels for seeking exemption for registering it as a dealer under the VAT Act, keeping its charitable purpose in view and its previous exemption under the Gujarat Sales Tax Act. As a result, the Gujarat High Court has granted a favourable interim order on our appeal.

Additional facilities are extended for cash collections for treatment charges and educational courses by deputation of cashiers at various points of hospital and college to ensure quick and on the spot services. The registration counter was strengthened and now registers on an average, 1000 cases a day.

Human Resources

The Personnel and Administration Group was divided into two during the year; the component that deals with personnel was designated as Human Resources Group and the other component that dealt with matters such as estate, security and

board matters, was designated as General Administration Group.

Materials Management

Purchases amounting to Rs. 18.50 crores were made during the year. In addition to procuring and supplying material, the department was also engaged in finalizing Annual Maintenance Contracts/ Rate contracts. About 100 such contracts were finalized in the year amounting to approximately Rs. 100 lakhs. The department also looks after sale of scrap, trees, grass, fixer (X-Ray) solution etc. which has contributed to earning revenues; old condemned material lying since 15 years worth of Rs. 1.80 lakhs were disposed of during the year. In addition to generic medicines, branded products have been added to the hospital formulary to suit the needs of the patients and the clinicians. A total of 2000 medicines are now available in the Hospital formulary, leading to an increase of sale of medicines. A ready reckoner pocket book was released for medicines available in the Hospital Formulary for the benefit of clinicians. Besides, Vendor registration system was implemented, services of the stores was continued on weekends and holidays and Laboratory Store has been successfully audited and cleared by NABL/NABH authority.

Systems

The major accomplishment for the Systems group included the Hospital Management Software (HMS) application interface upgrade with bio-medical equipments viz. Erba XL 300 and Cobas Integra from uni-directional to bi-directional and implementation of new interfaces with Elecsys 2010 (bi-directional), ABG 348 (uni-directional) and Mini API bio-medical equipment.

Hardware Infrastructure consisting of 50 desktop PCs using open source based operating system Fedora 10, 20 laser printers and 18 matrix printers were added by the group to meet the growing requirements in the field of patient care, education and research. All sections of H M Patel Academic Center were linked to the Internet via Wireless connectivity. Fibre links were extended to the newly introduced "Swasthyam Clinic" at Savitaben and Hirubhai Student Activity Centre.

The major components in the server room were replaced and/or upgraded to meet the future requirements and for optimal utilization of the resources. Network rack was upgraded from 24u to 42u which resulted into better cooling and space management and in turn translated to lower running costs. Data switch was upgraded by a capacity of nearly ten-fold to make the campus network future pro, all servers are now on a higher bandwidth with a resultant razor fast network

Independent LAN and a web-based HMS application software were successfully implemented at Bhadrans and Agas extension centres. Package billing was incorporated in the existing HMS billing module. Standard operating procedures and guidelines

have been developed, documented and implemented by the group. Sub-stores modules were introduced for ICUs, Trauma, OTs and Cardiac Centre.

An in-house 4-day training programme (with practical sessions) on “Fedora 10 Linux Desktop using Open Source Solutions” for all the staff members of the Mandal. The group also conducted theory and practical sessions and examinations for the course “Computer Applications in Nursing” as a part of the Nursing School curriculum.

In addition, the group serviced altogether 4073 service requests catering to various applications which were attended to within the mutually acceptable Service Level Agreements (SLA). A SLA performance card is being developed and will be implemented soon for all support groups.

Business Development

To provide focus to the revenue optimization efforts of the Mandal, a new group, the Business Development Group, was created. The group’s mandate is to ensure that the revenue growth projected for the future is met through development of strategies that improve customer satisfaction and create new markets. It will also explore new services, including medical tourism, starting and managing secondary care hospitals and home care services.

Under the initiative of medical tourism which began in January 2010, 30 queries were received, out of which 3 patients have been treated successfully. An Iraqi donor has also agreed to fund the treatment expenses of the patients referred by him, who are not in a position to afford the cost of the treatment. While treatment has been given for almost all clinical branches, a large number of cases are for Adult and Paediatric Cardiology, Neurosurgery and Cancer.

The Marketing group facilitated tie-ups with patients (inpatient and outpatient), individuals and institutions for health check-up and credit client servicing. This involved maintaining existing tie-ups, renewing contracts and maintaining communication channels with existing clients. To create awareness about the services of the hospital, the department organized conferences, seminars, workshops, exhibitions, etc., both within the hospital premises and at venues other than the hospital. It organised the logistics and implementation of a given event; engaged in brand enhancement through brochures, patient information material and camps. Two press conferences, five CMEs, three Paediatric Cardiac CMEs, three Paediatric Cardiac camps, two adult cardiac camps, 2 cardiac check up camps, 2 blood donation camps, 2 health talks and 2 Multi/super speciality health camps were organised by the group this year.

Dietary Services

With the objective of streamlining the dietary services of the hospital, the kitchen was renovated and many equipments added. This year, about 1638 patients, both indoor and outdoor, were given diet counselling. Nearly 2.8 lakh meals were provided to

inpatients of the hospital. Additionally, 4999 therapeutic diets and 11925 liquid diets were provided to patients while breakfast was served to health check up patients. Cancer patients were being provided with wheat grass juice since last year. Surgical and Medical intermediate wards are also provided special diets. The patients in ICUs, Privilege and Deluxe rooms are now provided food in hot cases so that patients can take their meals at their convenience.

The new scheme launched last year to provide lunch and dinner to staff and patients’ relatives at a nominal price of Rs. 10 per pack gained in popularity with 21,856 individuals availing this facility. The Dietary Services do their best to ensure that patients do not miss their homes especially during festive occasions viz. Diwali, New Year, Id, Christmas, Janmastami, Dhuleti, Shivratri, Dussera, Sharat Poonam and Uttrayan by serving them traditional food.

The department successfully completed the first year of the one year course on “Clinical Dietician”, the eligibility for which was B.Sc. Foods and Nutrition/ Food Science and Quality Control. Dieticians have been continuously giving training to M.Sc. (DFSM) students (IGNOU).

“Breast feeding week” was organised from 1st to 7th August 2009 with an objective to create awareness regarding nutrition to women (especially lactating women) and over 115 women benefited from the same. The Nutrition Week was held from 1st -7th September 2009, wherein an exhibition was organised to create awareness on diabetic diet, demonstration on food adulteration, survey on food habits among Hospital staff and anaemia. In addition to staff members and students of the Mandal’s institutions, initiatives were taken to create public awareness about nutrition among local school-going children, Principals and teachers, college students and citizens of Anand district, covering more than 577 persons.

The following activities were undertaken by the Human Resources Group:

The group services the activities of the Employee Welfare, Fund Raising and Values & Vision Councils. In the year around 350 persons were recruited with the help of manpower registration firm hosting a talent pool search website. The process of designing a new Performance Management System was initiated with the assistance of an external consultant and would be put into operation next year. Finally, the Group initiated measures, like e-greetings on birthdays of employees, other web-based motivational messages, publicizing unique efforts of the Mandal’s employees through e-mails, etc., aimed at improving communication and working environment.



HUMAN RESOURCE DEVELOPMENT

In keeping with our emphasis on continual improvement, especially in the context of teaching and research, following faculty developmental activities were organised:

In- house workshops

An in-house workshop on Basic Research Methodology was organized for Post Graduate Guides by Post Graduate Academic Cell and Central Research Services between April 29 and May 01, 2009. 40 faculty attended the workshop.

An in house workshop on Performance Based Assessment and Effective Feedback was organized by Medical Education Unit on May 28, 2009. Dr. Himanshu Pandya conducted this workshop. Thirty three faculty participated in the workshop.

An in-house workshop on Art and Science of Student Counseling was organized by Medical Education Unit on June 15, 2009. The workshop was conducted by Dr. B M Palan. Thirty two faculty participated in the workshop.

Basic Workshop on Medical Education Technologies was organized by Medical Education Unit from 8th to 10th October 2009. Dr. Himanshu Pandya, Professor of Medicine & Head of PG Academic Cell was the course coordinator of this workshop. The workshop was conducted by nine internal faculty and two external faculty including an observer from Regional Teachers' Training Centre (RTTC). All sessions were highly interactive. Twenty eight teachers attended all three days of workshop. A written feedback on content, presentation and usefulness of the sessions was obtained from participants. Majority of participants reported the sessions as satisfactory to superior for their content, presentation and usefulness.

An in-house workshop on Effective Student Counseling was organized by Medical Education Unit on January 28, 2010. The workshop was conducted by Dr. Soumitra Basu. Thirty two faculty participated in the workshop. Thirty five faculty participated in the workshop.

An introductory session of an in-house workshop on Medical Writing was conducted on March 22, 2010. Twenty one faculty and two fellows participated in the workshop. Dr. Himanshu Pandya was the course coordinator of the workshop, which was conducted by seven internal faculty.

Medical Education Unit organized a lecture on 'Learning from Journey in Medical Education' by Dr. Vasudev Rawal on February 22, 2010.

Management Appreciation Program for Faculty of Teaching Hospital; Module 2 by Dr. Himanshu Pandya from 6th - 8th April 2009 at IRMA, Anand.

External Teachers' Training Programs

- Dr. S K Singh and Dr. Manisha Gohel were selected for 2010-11 fellowship program of GSMC-FAIMER at Mumbai.
- Dr. Faruk Mulla and Dr. Anuradha Joshi have undergone training in Basic Medical Education Technology at Regional Teachers' Training Centre, Ahmedabad in March 2010.

Other programmes attended by various faculty at various levels is given below:

Regional / Institutional

Community Medicine

- Dr. Uday Shankar Singh completed session 3 of the GSMC – FAIMER Regional Institute by attending on site session of GSMC, Mumbai from 13th to 17th June 2009
- Dr. Dinesh Kumar and Dr. Shyamsundar (Resident) attended "CME IAP Protocol" at IAP, Anand & Kheda District on 27th July 2009
- Dr. Dinesh Bhandari participated as a resource person in training programme of Principals, Teachers & Peer educators at Red Ribbon club & GSACS at Academic Centre, PSMC from 8th to 10th September 2009
- Dr. Manisha Gohel, Dr. Dinesh Kumar, Dr. Shyamsundar, Dr. Amit Mohan, Mr. Prakash Nayak, Ms. Ushaben Patel, Mr. Dharmendra Shah and Mr. Mahesh Parmar participated in "Training Programme for Polio Monitoring" organised by/at WHO Surveillance Medical Officer, Baroda on 10th January 2010
- Dr. Vasudev Rawal provided training on "Outbreak response" to Medical officers of Ahmedabad Municipal Corporation as State level Master Trainer Chief District Health Officer, Ahmedabad District (Integrated Disease Surveillance Program (IDSP) of Government of Gujarat) from 21st to 28th January & 1st February 2010
- Dr. Dinesh Kumar attended workshop on "Scientific paper writing" held at IPS, Gujarat chapter on 23rd January 2010

Medicine

- Dr. Ripal Shah attended CME on "CARDCON 2009" organised by Banker's Heart Institute at Vadodara from 12th - 13th September, 2009
- Dr. Ripal Shah attended CME on "Haematology" organised by Baroda Haematology Group on 3rd - 4th October, 2009
- Dr. Kishor Viradiya attended CME on "Respiratory Medicine" organised at Vadodara on 3rd October 2009
- Dr. Jyoti Mannari attended conference on "Severe Acute Pancreatitis" at Sterling Hospital, Ahmedabad on 6th October 2009

- Dr. Ripal Shah attended CME on "Pleural diseases" organised by Baroda Chest Group on 8th November, 2009
- Dr. B S Vaishnav delivered a guest lecture on "Awareness about Health and Spiritual Life" at M.B Patel College of Education, Vallabh Vidyanagar University on 14th November 2009
- Dr. Sanket Sheth delivered lectures on "HIV for Students as representatives of other colleges of Anand", organized by Red Ribbon Club and "National AIDS Control Organization" in September 2009 & January 2010.
- Dr. Vishesh and Dr. Jyoti Mannari presented a paper on "Case reports of Methemoglobinemia following Dapsone" and on "Industrial fumes" at a Clinical Toxicology workshop at Ahmedabad on 14th March 2010

Microbiology

- Dr. Suman Singh attended CME for Cardiac Center nurses on "Hospital acquired Infection Control Practices" from 13th -24th July 2009
- Dr. Suman Singh gave an interactive talk for secondary school students of "Pintos High school" on the occasion of "World AIDS Day" "HIV and AIDS" on 1st December 2009
- Dr. Yagnesh Pandya and Dr. Pragya Panda delivered a guest-lecture on 'HIV-AIDS' in High School children at Savli, Baroda district on 1st December 2009
- Dr. Suman Singh presented an interactive talk on "HIV and AIDS, Risk and Prevention" for the Biotechnology students of ARIBAS college in New Vidyanagar" on 7th December 2009
- Dr. Yagnesh Pandya delivered a guest-lecture on "HIV-AIDS' for UG and PG students at Home science College", Vidyanagar on 7th December 2009
- Dr. Suman Singh gave an interactive talk on "Laboratory First Aid" in a two day course on "Occupational Safety, Health and Hygiene in Laboratory" organized by Department of Chemical Engineering, GH Patel College of Engineering & Technology with ISTE GCET Staff Chapter, VV. Nagar, Gujarat on 18th -19th December 2009
- Dr. Suman Singh participated in the training session on "Adolscnt HIV/AIDS Research Training Workshop on "Building Better Research & Writing Skills" at Medical College, Vadodara on 11th January 2010
- Dr. Sunil Trivedi delivered a key-note address on "MDR/XDR Tuberculosis" in the inaugural session of Gujarat Science Congress, VV. Nagar Chapter Annual Meet held at Maths PG Department, Sardar Patel University on 14th February 2010

Obstetric & Gynaecology

- Dr. Nitin Raithatha attended adolescent HIV/AIDS research training workshop on "Building better Research & writing skills, organised by USF Health and Medical college, Vadodara on 11th and 12th January 2010.

Orthopedics

- Dr. Mihir Dholakia attended S-ROM Revision on "Hip Arthroplasty" at Deputy AT Miot Hospital, Chennai in August 09

Pharmacology

- Dr. Bharat Gajjar attended a workshop on "Medical Education Technologies" sponsored by Medical Council of India & organized by the Regional Centre, Smt. NHL Medical College, Ahmedabad from 18th -20th November 2009

Physiology

- Dr. Hasmukh Shah attended Regional Conference on 'Haemoglobinopathies-2010' organised by Indian Red Cross Society, St. Larn Hotel Ashram Road, Ahmedabad on 13th -14th February 2010

Skin

- Derma West Zone Conference held at Ahmedabad from 4th to 6th December 2009
- Dr. Rita Vora and Dr. Parag Talavia presented a paper on "CRP, Serum ADA and serum lipid profile in psoriasis: a controlled study of 25 patients"; felicitated with a gold medal along with first prize of Rs. 2500 for the best paper.
- Dr. Rita Vora and Dr. Piyu Trambadiya presented a paper on "Histopathology: An indispensable tool in Dermatology"
- Dr. Rita Vora and Dr. Sheetal Thacker presented a paper on "A clinical study of vitiligo in a rural set up of Gujarat"
- Dr. Pragya Nair presented a poster on "Angio-lymphoid Hyperplasia with Eosinophilia"
- Dr. Rita Vora and Dr. Sheetal Thacker presented a poster on "Von Recklinghusen's Disease: 2 cases"
- Dr. Rita Vora & Dr. Chirag Doctor presented a poster on "Epidermodysplasia verruciformis"
- Dr. Rita Vora & Dr. Gopikrishnan Anjaneyan on "Acrokeratosis Verruciformis of HOPF"

Surgery

- Dr. Shirish Srivastava attended seminar on "Relevance of Medical Technology in Medical Education" as a part of MCI Platinum Jubilee Celebration organised by SMIMER at Surat on 17th January, 2009



TB and Chest

- Dr. Rajeev Paliwal delivered a guest lecture on 'Assessing patients with OAD with special reference to pulmonary function – a Respiratory Update' at a CME held at Ahmedabad in April 2009
- Dr. Purvesh Patel delivered a guest lecture on "COPD" at Borsad and Khambhat in September 2009
- Dr. Rajeev Paliwal delivered a guest lecture on "Interpretation and Clinical applications of PFTs" at first postgraduate CME program in Respiratory Medicine at Vadodara on 3rd and 4th October 2009

State

Anaesthesia

- Dr. Alpa attended CME & Workshop on "CPCR & Airway Adjuants" at Bhavnagar, Gujarat on 13th & 14th July, 09
- Dr. Utpala Kharod (Organising Chairman), Dr. Hemlata Kamat (Joint Organising Secretary), Dr. Alpa Patel (Co – Treasurer) and Dr. Neeta Bose (Co-ordinator) jointly organised GISACON 2009, - 42nd Annual Conference, Gujarat State Branch, Indian Society of Anaesthesiologists along with Anand Association of Anaesthesiologists on 26th & 27th September, 09 at Sardar Patel Memorial Centre, Karamsad; the first time that workshops were conducted at a state level conference in the state of Gujarat
- Dr. Madhavi Chaudhari attended E. M. Tech. Workshop on 3rd Emergency Sonography School 2009 (Emergencies Medicine & Trauma Education Centre for Health & Indo – US - Academic Council for Emergency & Trauma) Government Spine Hospital, BJ Medical College, Ahmedabad from 3rd to 5th November 2009
- Dr. Ushma Parikh and Dr. Krutika Rupera attended "The Heart Care, Clinic Care Cardiovascular Consultants" (3- C 2010) held at Tagore Hall, Paldi from 8th to 10th January 2010
- Dr. Neeta Bose and Dr. Asmita Chaudhari attended "ACLS Instructor course" by AHA at V. S Hospital, Ahmedabad on 5th and 6th February 2010
- Dr. Bhavesh Patadiya attended CME on "BLS – ACLS for Health care providers course" by Academy & Traumatology of India at Bhailal Amin Hospital, Vadodara on 8th and 9th February 2010
- Dr. Asmita Chaudhari, Dr. Bharti Rajani and Dr. Rinku Arora attended "1st Critical Care Conference" held at Ahmedabad on 21st March 2010

Anatomy

- Dr. Praveen R Singh delivered a guest lecture on "Medical Education" in Annual Conference of Anatomy at Smt. NHL Municipal Medical College, Ahmedabad on 23rd January 2010

Community Medicine

- Dr. Uday Shankar Singh participated in the orientation & training in the cortex of supportive evaluation of ICTC centre, NACO (National Aids Control Organisation) organised by Gujarat State Aids Control Society (GSAIC) at Ahmedabad on 13th April 2009
- Dr. Manisha Gohel participated in Training of Trainers, PPTCT (Prevention of parent to Child HIV transmission), a team training for doctors organized by Gujarat AIDS Control Society (GSACS) at Ahmedabad from 16th to 18th June 2009
- Dr. Manisha Gohel participated in the PPTCT Workshop for conversion of ICTC module in Gujarati at GSACS – Ahmedabad from 11th to 13th August 2009
- Dr. Uday Shankar Singh participated in a trainers training programme (TOT) on "Facility based Integrated Management of Neonatal and Childhood Illness (F-IMNCI)" under RCH phase II at GMC, Surat from 1st September 2009 to 5th September 2009.
- Dr. Dinesh Bhandari participated in basic workshop on "Medical education Technologies" by MCI at Smt. NHL Municipal Medical College, Ahmedabad 16th to 18th September 2009
- Dr. Dinesh Bhandari, Dr. Deepak Sharma, Dr. Dinesh Kumar and Dr. Manisha Gohel participated in "Training of Trainers" workshop organized by Red Ribbon club & GSACS at Ahmedabad from 3rd to 5th December 2009
- Dr. Uday Shankar Singh, Dr. Dinesh Bhandari and Dr. Amit Mohan attended a workshop on "Adolescent HIV / AIDS Research Training on building better research and writing skills", jointly organized by USF Health, USA and Medical College, Vadodara on 11th January 2010
- Dr. Tushar Patel participated in Training of Trainers (TOT) on "Facility Based Integrated Management of Neonatal and Childhood Illness" (FBIMNCI) at Government Medical College, Surat from 1st to 5th February, 2010
- Dr. Manisha Gohel participated in "Induction Training Programme for Supervisory Teams for STI clinics" at GSACS, Ahmedabad from 3rd to 5th February 2010

ENT

- Dr. Hiren Soni attended Annual State Conference of GSB AOI on 19th and 20th December 2009 at Jamnagar
- Dr. Nimesh Patel attended and presented a paper on "Prognostic Value of Electrophysiological tests on outcome of Lower Motor Neuron of Facial Nerve Palsy" at Annual State Conference of GSB AOI, Jamnagar on 19th - 20th December 2009

Medicine

- Dr. Himanshu Pandya attended APA-CON 2009 and Mid Annual APGCON 2009 on "Recent Management Guidelines for Hypertension" held in Ahmedabad on May 10th, 2009

- Dr. Kishor Viradiya attended CARDCON 2009 held at Vadodara on 12th and 13th September 2009
- Dr. Sanket Sheth attended workshop on “Medical educational technologies” organized by Regional center for faculty development, Medical council of India at Smt. NHL Municipal Medical College, Ahmedabad from 18th to 20th November 2009
- Dr. B S Vaishnav delivered a guest Lecture on “Spiritual Dimension of Antenatal Care” and Dr. Kailash Desai, Dr. S.B Vaishnav and Dr. B.S. Vaishnav presented a paper on “Rescue Ventilation for critically ill Obstetric patients” organised by State level conference of Obstetric & Gynaecology Society SOGOG at Madhubhan Resort, Vallabh Vidyanagar on 8th January 2010
- Dr. Jyoti Mannari attended “Indo-US workshop on writing skills & research” at Vadodara on 11th January 2010
- Dr. Jyoti Mannari moderated a panel discussion, Dr. Saurin Dalal and Dr. Siddharaj presented a paper on “Study of NPPV in Acute Respiratory Failure” and Dr. Udgeeth Thakar and Dr. Soaham Desai presented a poster on “True & Pure Neurologic case of Thoracic outlet syndrome” at 31st APGCON held in Surat on 24th January 2010
- Dr. Himanshu Pandya chaired a session in the “Annual conference of Association of Physicians of Gujarat” organised by Governing Council of Association at Surat on 23rd and 24th January 2010
- Dr. Himanshu Pandya attended “Fostering Partnership for Swarnim Gujarat” as a representative of Association of Physicians of Gujarat at Ahmedabad on 21st March, 2010

Microbiology

- Infection Society of India – Gujarat Chapter on “Antibiotic Resistance as an Emerging Threat” held at Apollo Hospital, Ahmedabad on 20th January 2010
- Dr. Suman Singh participated in “Training of Trainers for regional resource team in Sexually transmitted infection / Reproductive tract infection services” organized by Gujarat State AIDS Control Society, Ahmedabad from 3rd to 5th February 2010.
- Dr. Sunil Trivedi, Dr. Yagnesh Pandya, Dr. Rupal Patel and Chirag Patel participated in the CME on “Diagnostic Techniques in Virology” held at B.J. Medical College, Ahmedabad on 21st March 2010

Nursing

- Ms. T.V. Patel and Ms. P.J. Solanki attended workshop on “Essential New born Care” held at Nrupur Institute of Nursing Science & Research, Vadodara from 8th July 09 to 10th July 09
- Ms. A.D. Rao and Ms. H.B. Patel attended workshop on “Nursing Process – A key to autonomous practice” held by Nrupur Institute of Nursing Science & Research at Baroda on 30th November 09.

- Ms. R.G. Parmar and Ms. A. D. Rao attended workshop on “Strengthening records- reports of DGNM” held by Gujarat Nursing Council, Ahmedabad on 31st January 2010

Obstetric & Gynaecology

- Dr. Nitin Raithatha, Dr. Maitri Patel, Dr. Swati Patel and Dr. Chetna Vyas attended workshop on “Early cancer detection and prevention” organised by Anand Obstetric/Gynaecology Society, Anand on 26th April 2009
- Dr. Maitri Patel, Dr. Chetna Vyas and Dr. Nipa Modi attended workshop and hands on training on IUI Bavishi fertility Institute at Ahmedabad on 10th May 2009
- Dr. Nitin Raithatha participated in IUI/IVF workshop at Sushrasha Hospital, Ahmedabad on 26th July 2009
- Dr. Nitin Raithatha presented a paper on “Changing trends in induction of labour” in “SOGOG CME” at Himmatnagar on 29th November 2009
- SOGOG-2009 (State level conference of Obstetric & Gynaecology Society) organised at Madhubhan resort, Anand from 8th – 10th January 2010
- Dr. Maitri Patel conducted PG quiz on “Hypertensive disorders of pregnancy”
- Dr. S.B.Vaishnav, Dr. Nitin Raithatha, Dr. Maitri Patel, Dr. Chetna Vyas, Dr. Nipa Modi, Dr. Kailas Desai and Dr. Swati Patel attended workshop on “IUI & laparoscopic hysterectomy”
- Dr. L.N. Chauhan invited as Guest Speaker for “Pelvic floor Anatomy”
- Dr. S.B. Vaishnav Invited as Guest Speaker on “Medical management of preterm labour”
- Dr. S.B. Vaishnav Co-author in papers : Rescue ventilation in critically ill ob. Pts. Prediction of IUGR by colour doppler, Contemporary role of cervical cerclage in cervical insufficiency, Study of cases of rupture uterus , Abdominal colposacropaxy : anatomical outcome quality of life and comparison of effectiveness of autologous graft verses synthetic graft material, Clinical profile and immediate outcome of the cases with dilated cardiomyopathy in pregnancy at tertiary care hospital, Co-author in poster “Extra mammary paget’s disease
- Dr. Nipa Modi presented paper on “Changing trends in maternal mortality”
- Dr. Maitri Patel presented a paper on “Study of cases of rupture uterus from January 2001 to August 2009” and received the 1st prize in miscellaneous group of paper
- Dr. Kailas Desai presented paper on “Rescue ventilator” and received the 1st prize in miscellaneous group of paper
- Dr. Chetna Vyas presented a paper on “Contemporary role of cervical cerclage in cervical insufficiency”
- Dr. Swati Patel presented a paper on “Prediction of adverse perinatal outcome in intrauterine growth retarded fetuses by colour doppler” and received 1st prize on theme topic



- Dr. Swati Patel participated as a member of organizing committee and as a chairperson and presented a poster as a co-author on "Incidence of congenital abnormality in fetuses on mothers delivered at SK Hospital-Karamsad and analysis of coexisting factors; Abdominal colposacropaxy: anatomical outcome quality of life and comparison of effectiveness of autologous graft versus synthetic graft material" and received the 3rd prize under Posters
- Dr. Nitin Raithatha moderated panel discussion on "Recurrent pregnancy loss"
- Dr. Nitin Raithatha presented a poster on two rare cases of Post menopausal labial agglutination: presented as urinary incontinence
- Dr. Nitin Raithatha, Co author in Survey for knowledge and altitude for menstrual cycle, contraception among teenage girls Study of incidences and associated factors of congenital anomalies in fetuses delivered at SKH Karamsad Changing trend in MMR at SKH a tertiary care hospital a four year comparative study with the previous study Epidemiological aspect of HIV positive patients with pregnancy at SKH Unusual case of refractory ITP with pregnancy -a rare case of juvenile granulosa cell tumour

Ophthalmology

- Dr. Harsha Jani, Dr. Devendra Saxena and Dr. Samir Bhavsar attended a workshop on "Vision- 2009" organised by Gujarat Ophthalmic Society at Bhavnagar from October 2-4, 2009. Dr. Samir Bhavsar presented a paper on "Efficacy and Safety of topical chloroquine eye drops in patient with dry eye syndrome"
- Dr. Devendra Saxena attended Retinal Conference organised by Retina Foundation at Ahmedabad in November 2009

Orthopedics

- Dr. Naveen Sharma attended conference on "Arthroscopic Trauma Academia Arthrospadica" at Jamnagar in December 2009
- Dr. R L Chhangani attended and Dr. Vivek Patel Paper presented a paper on "Percutaneous K wire and screw for calcaneum fracture" in GOA CON 2010 held at Surat on 6th and 7th February 2010

Pathology

- Dr. Monica Gupta and Dr. Faruq Mulla attended CME on "Expectations of Regulatory Authorities from the Blood Bank", organized by Indian Society of Blood Transfusion and Immunohaematology, Gujarat Chapter at Ahmedabad from 14th to 19th June 2009.
- Dr. Neena Doshi attended CME on "Troubleshooting in Blood Bank" at Vadodara on 29th August, 2009.
- Dr. Monica Gupta delivered a talk as faculty on "Trouble Shooting in Blood Donors and Management of Blood organized by ISBTI Gujarat Chapter Donation Camp' in the CME Programme on "Troubleshooting in Blood Bank" at Vadodara on 29th August, 2009

Pharmacology

- Dr. Alpa Gor attended conference on "Alternative to Animal Welfare" at Anand Veterinary College, in Anand Seminar on 4th December 2009
- 28th Annual Conference of Indian Pharmacological Society (Gujarat Chapter) organised by Department of Pharmacology, PSMC, Karamsad on January 24th, 2010
- Dr. Apurva Agrawal and Dr. Barna Ganguly attended conference and presented a paper on "Prophylactic use of antibiotics in intensive care unit –a comparative study" and received the second prize Dr. Bharat Gajjar, Dr. Rima Shah and Dr. Sagun Desai presented a paper on "A study of adverse drug reaction profile in geriatric patients in tertiary care teaching rural hospital"
- Dr. Bharat Gajjar and Dr. Sneha Patel presented a paper on "Evaluation & comparison of prescribing patterns of general practitioners from 'public & 'private sectors"
- Dr. Bharat Gajjar, Dr. Prgna Patel, Dr. Arpit Prajapati and Dr. Barna Ganguly presented a poster on "Study of impact of pharmacology teaching on knowledge, attitude and practice of self-medication among medical students."

Physiology

- Dr. S.K. Singh delivered a lecture in CME on 'Pathophysiology and Management of Stress' in B.J. Medical College and Civil Hospital, Ahmedabad on 9th February 2010
- Dr. Hasmukh Shah attended C.M.E. on "Pathophysiology & Management of stress" at B.J. Medical College, Ahmedabad on 19th February 2010

Radiodiagnosis

- Dr. Deepak V. Mehta attended Advanced Neuro-Imaging C.M.E. on High Field MRI (3 Tesla) organized by Gujarat Imaging Centre, Ahmedabad on 11th & 12th July 2009
- Dr. Deepak V. Mehta attended Gujarat's 2nd Multi Detectors Cat Scan (MDCT) Meet held at Diu on 29th to 30th August 2009
- Dr. Deepak V. Mehta attended "Onco-Imaging Update 2009", a CME hosted by In-Focus Diagnostics at Ahmedabad on 29th November 2009

Surgery

- Dr. Shirish Srivastava and Dr. Jitesh Desai attended workshop on "Ethicon", a Laparoscopic Hernia Course at Mumbai on 5th -6th February, 2009

TB and Chest

- Dr. S N Patel attended a workshop on "Pilot implementation of airborne Infection Control activities in Healthcare facilities" at Ahmedabad from 9th - 12th March 2010
- Dr. S N Patel chaired a session on "Terminal care of ILD patients" and Dr Rajiv Paliwal delivered a lecture on

'One airway one disease, allergic rhinitis and bronchial Asthma' at RAJCON 2010 at Udaipur on 13th and 14th March 2010

National

Anaesthesia

- Dr. Neeta Bose attended "FCCS Provider Course" at New Delhi on 2nd & 4th September 2009
- Dr. Hemlata Kamat, Dr. Neeta Bose, Dr. Madhavi Chaudhari, Dr. Asmita Chaudhari, Dr. Bharti Rajani and Dr. Krutika Rupera coordinated the "National Trauma Management Course" at Academic Centre, Auditorium, Pramukhswami Medical College, Karamsad on 21st & 22nd November 09
- Dr. Neeta Bose participated in ACLS (Advanced Cardiac Life Support) as an Instructor at Apollo Hospital, Gandhinagar from 12th to 14th April 2010

Anatomy

- Dr. Raksha Bhatt attended workshop on "Ethical issues in Biomedical Research" by Indian Institute of Public Health, Gandhinagar from 21st to 23 May 2009
- Dr. Praveen R Singh participated in the National CME on "Student Assessment - New Trends and Tools", participated in the National Workshop on "Distance Learning for Continuing Professional Development" & presented a paper entitled "Orientation program at start of residency for postgraduate medical course - Experience at an Indian Medical School" at National Conference on Medical Education (NCHPE 2009) at Pune from 10th - 13th December 2009
- Dr. Praveen R Singh presented an Oral Paper entitled "Case based learning of Anatomy for the undergraduates" at National Conference of Anatomical Society of India, Belgaum from 26th- 28th December 09

Biochemistry

- Dr. N. Haridas and Dr. Hitesh Shah attended Symposium Conference of Association of Clinical Biochemists of India (ACBI) on "Dyslipidemias" held at Amrita Institute of Medical Sciences, Kochi from 5th - 7th November 2009

Cardiac

- Dr. Dhiren Dave attended "IACTS" (Indian Association of Cardiovascular and Thoracic Surgeons) at New Delhi in February 2010
- Dr. Kunal Soni attended "IACTA" (Indian Association of Cardiovascular and Thoracic Anaesthesiologists) at Kolkatta in February 2010

Community Medicine

- Dr. Dinesh Bhandari participated in workshop on "Quality services under NRHM" organised by National Institute of Health and Family welfare (NIHFW), New Delhi from 3rd to 5th February 2010

Dietary services

- Ms. Jigna and Ms. Arpita attended a conference on "Health of female child issues, concerns and Challenges" organised at B.V.M. College, Vallabh Vidhyanagar on 26th and 27th February 2010

ENT

- Dr. Nimesh Patel attended "Hands on Cadaveric Temporal Bone Dissection Course" at Madras ENT Research Foundation, Chennai on 11th and 12th July, 2009
- Dr. Girish Mishra, Dr. Yojana Sharma and Dr. Nimesh Patel attended "XXI workshop on Otolaryngology Update-Revision Ear Surgery" at Lions General Hospital, Mehsana on October 3rd 2009
- Dr. Siddharth Shah attended the "Microvascular Hands on Training course" organised by Surgical Skill Lab, Amrita Institute of Medical Sciences, from 16th to 20th October, 2009
- Dr. Siddharth Shah attended CME on "Scientific deliberations of APSI accredited" at Amrita Institute of Medical Sciences organised by Association of Plastic Surgeons of India (APSI) at Cochin from 21st to 23rd October 2009
- Dr. Siddharth Shah presented a poster on "Ameloblastoma - Mimicking oral cavity Cancer" at National Conference - IMA House, Cochin from 24th to 27th October 2009
- Dr. Siddharth Shah attended workshop on "Laryngotracheal Reconstruction & Lasers" at Prince Alikhan & BYL Nyair Hospital, Cochin from 5th to 7th March 2010

Forensic Medicine

- Dr. C. B. Jani attended 31st Annual National Conference of IAFM from 6th - 8th February 2009
- Dr. Sanjay Gupta presented a paper on "Sudden deaths of cardiac origin: Autopsy diagnosis, impact & challenges and "Forensic significance of unique blood stain patterns" at XXXI (31st) Annual National Conference of IAFM from 6th to 8th February 2009.

Medicine

- Dr. Himanshu Pandya attended workshop for "Leaders in health care management" at SRMC (Sri Ramchandra Medical College), Chennai from 22nd -24th June 2009
- Dr. Ripal Shah attended CME in Hematology at Christian Medical College, Vellore on 27th - 28th August, 2009
- Dr. Himanshu Pandya attended workshop on "Student Assessment-New trends and Tools", and presented a poster on "Biomedical communication and Medical Ethics" at NCHPE 2009 (National Centre for Health Program Evaluation), Pune on 11th October 2009



- Dr. Jyoti Mannari and Dr. Alpa Leuva presented a paper on “Diabetic neuropathy prevalence and its correlation with other complications of diabetes” at Research Society for the study of Diabetics in India (RSSDI)- a national conference in Ahmedabad from 5th to 8th November 09
- Dr. Himanshu Pandya, Dr. Praveen Singh, Dr. Somshekhar Nimbalkar and Dr. Suman Singh presented a paper on “Orientation program at start of residency for postgraduate medical course - Experience as an Indian Medical School Delegate” in National conference in Health Professionals’ Education (NCHPE) 2009, Pune from 10th to 13th November 2009
- Dr. Devangi Desai attended workshop on “Role of Ultra sonography in emergency medicine” at BJ Medical College, Ahmedabad in November 2009
- Dr. Ripal Shah attended IRACON 2009, Annual National Rheumatology Conference Indian Rheumatology Association at Jaipur from 26th - 29th November, 2009
- Dr. Himanshu Pandya, Dr. A Mishra and Dr. Kishor Viradiya presented a poster entitled “Torsade De Pointes complicating Congenital complete Atrioventricular block in a pregnancy with pre-eclamptic toxemia” in Annual Conference of Association of Physicians of India (APICON) 2010, Jaipur from 7th to 10th January 2010.
- Dr. Sanket Sheth attended conference on “HIV congress 2010” at Mumbai from 8th to 10th January 2010
- Dr. Ripal Shah attended XVth National CME in Hematology at Bombay Hospital Institute of Medical Sciences from 14th to 16th January, 2010
- Dr. Soham Desai attended “Advanced GCP Training and Research Methodology workshop” at St John’s Bangalore in February 2010

Microbiology

- Dr. Rupal Patel attended a certificate course on “Infectious Disease” at PD Hinduja National Hospital, Mumbai from 6th to 13th September 2009
- Dr. Suman Singh invited as a faculty, presented paper on “Application based learning –through hospital based project work for teaching microbiology in undergraduate medical education” in National Conference of Health Professionals Education 2009 at Maharashtra University of Health Sciences, Pune from 10th to 13th December 2009

Nursing

- Ms. V. D. Shrimali & Ms. B. C. Chavada attended workshop on “Counseling Skills of Health Professionals” held by National Institute of Health & Family Welfare at New Delhi from 22nd to 26th September 09

Obstetric & Gynaecology

- Dr. S.B. Vaishnav co- authored paper on “Investigation profile co related with adverse maternal and perinatal outcome in PIH” at the 36th Annual Conference of Clinical Biochemists

of India at Kochi from 5th to 7th November 2009

- Dr. Nitin Raithatha, Dr. Dinesh Bhanderi and Dr. Dipen (peadetrics) attended a workshop on “Quality services under NRHM (National Rural Health Mission) for faculty of Medical colleges of good performing states at NIHF (National Institute of Health and Family Welfare), New Delhi from 2nd -5th February 2010

Ophthalmology

- Dr. Harsha Jani and Dr. Samir Bhavsar attended conference on “Mind & Body Medicine” at Mount Abu from 26th to 30th July 2009
- Dr. Chaitali Patel attended “Glaucoma Management for the Comprehensive Ophthalmologist” at Ahmedabad in December-2009

Orthopedics

- Dr. Mihir Dholakia attended “Trauma Principles Course in Operative Fracture Management Table Incharge” organized by AO Foundation in July 09
- Dr. R L Chhangani attended B.O.S. (Bone Spine Course) in Mumbai from 4th To 11th December 2009
- Dr. Mihir Dholakia became a Provider for Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) at American Heart Association, Apollo Hospital, Ahmedabad in January-2010
- Dr. Saranjeet Singh Jagdev delivered a guest lecture on “Industrial Hand Injuries” at 28th Annual Conference of North Zone IOA, Rohtak held from 13th To 15th February 2009

Pathology

- Dr. Monica Gupta attended National conference on ‘Quality Management in Hospital Operations’ organized by Academy of Hospital Administration, Noida on 1st November 2009
- Dr. Monica Gupta delivered a talk as faculty on ‘Accreditation: Its Impact in the Laboratories of a Rural Based Tertiary Care Teaching –An Experience’, at the 12th Workshop on Biomedical Informatics & Communication at Mahatma Gandhi Institute of Medical Sciences held at Sevagram on 20th and 21st November 2009
- Dr. Faruq Mulla attended “TRANSCON-09”, a conference by Indian Society of Blood Transfusion & Immunopathology at New-Delhi on 20th to 22nd November 09

Pharmacology

- Dr. Barna Ganguly attended workshop on “Ethical Issues on research methodology” organized by IIPH Gandhinagar in May 2009
- Dr. Bharat Gajjar, Dr. Amit Shah, Dr. Jatin Dhanani, Dr. Rima Shah and Dr. Apurva Agrawal presented a paper on “Evaluation of prescription pattern in terms of essentiality, rationality and assessment of hospital pharmacy services

utilization in tertiary care teaching rural” at 42nd Annual Conference of Indian Pharmacological Society, Kolkata from 10th to 12th December 2009

Physiology

- Dr. Wasim Shaikh and Dr. Hasmukh Shah attended National Workshop on “Assessment Methods for Learning Evaluation in Basic Medical Sciences (AMLE 2009) at AIIMS, New Delhi from 16th to 18th September 2009
- Dr. Hasmukh Shah attended “37th Annual Meeting of Research Society for the Studies of Diabetes in India Conference” from 5th to 8th November 2009
- Dr. S. K. Singh attended CME on “Normal regulation of Blood pressure and its clinical significance” and delivered a guest lecture on ‘My great teachers’ at APPICON 2009 (Association of Physiologists and Pharmacologists of India Conference) organised by U.P. Rural Institute of Medical Sciences and Research, Itawa on 3rd December 2009
- Dr. Wasim Shaikh attended workshop on “Principles of Educational Research, Publication, Curriculum Development and Evaluation” at Maharashtra University of Health Sciences on 10th December 2009
- Dr. Vivek Verma and Dr. Wasim Shaikh attended conference on “Sharing Best Practices in Teaching-Learning and Assessment” and Dr. Vivek Verma presented a poster on “Effect of student group seminars on learning of undergraduate Medical students” at NCHPE -2009 organised by Maharashtra University of Health Sciences Regional Centre, Pune and FAIMER, Philadelphia, USA and Department of Health and Human Services’ Office of Global Health Affairs, US Embassy, New Delhi from 12th to 13th December 2009
- Dr. Ashok Nair attended workshop on ‘Molecular Modelling of proteins’ at BISR (Birla Institute of Scientific Research), Jaipur from 21st-23d January 2010
- Dr. Ashok Nair attended second National workshop on ‘Bioanalytical Techniques’ at AIIMS, New Delhi from 3rd to 5th February 2010

Psychiatry

- Dr. Himanshu Sharma attended 62nd Annual National Conference of INDIAN PSYCHIATRIC SOCIETY “ANCIPS 2010” in Jaipur from 17th -20th January 2010

Radiodiagnosis

- 63rd Annual National Conference of Indian Radiological and Imaging Association (IRIA) hosted by Gujarat State Chapter at Karnavati Club, Ahmedabad from 23rd to 26th January 2010
- Dr. C. Raychaudhari (6 Posters presented, 2 Educational Exhibits presented and 3 scientific Sessions chaired)
- Dr. Deepak V. Mehta (Competitive research Paper Presented, 5 Posters presented, 2 Educational Exhibits

Presented and 2 Scientific Sessions chaired)

- Dr. Jayesh Bhatt, Dr. Viral Patel, Dr. Diva Shah, Dr. Parul Thakkar, Dr. Mihir Dave and Dr. Jaydeep Joshi (Presented as co-author: 1 Poster & 1 Educational Exhibit)

Skin

- Dr. Rita Vora chaired the scientific session at “3rd National conference of Pulse Therapy” at Jabalpur on 12th & 13th September 2009
- Dr. Pragya Nair attended live workshop cum Conference of “Association of Cutaneous Surgeons of India” held at Srinagar on 23rd & 24th October 2009

Surgery

- Dr. Jignesh Rathod & Dr. Vipul Yagnik attended Hernia Conference at Indore on 21st -22nd August 09
- Dr. Shirish Srivastava & Dr. Jitesh Desai attended “Health Care Executive Management Development Programme” organised by All India Institute of Medical Sciences in collaboration with WHO, India from 19th - 24th April, 2009
- Dr. Chirayu Choksi & Dr. Jitesh Desai attended “Annual Conference of Society of Gastrointestinal Endoscopy of India” organised by Society of Gastrointestinal Endoscopy of India from 22nd -24th February, 2009

TB and Chest

- Dr. SN Patel invited as STF member to represent PSMC at ZTF-west zone workshop on “Role of medical colleges in RNTCP” at Udaipur on 8th - 9th August 2009
- Dr. Rajiv Paliwal delivered lecture on ‘Critical evaluation of GOLD guidelines’ as a faculty, conducted workshop on “Pulmonary Rehabilitation” and delivered talk on upper airway obstruction – an interesting case in clinical pearls session at NAPCON 2009 held in Calicut on 6th and 7th November 2009
- Dr. Purvesh Patel delivered a lecture on ‘Radiologic pattern identification in ILD’ at NAPCON 2009 held in Calicut on 6th and 7th November 2009
- Dr. Rajiv Paliwal was the penalist in ‘Penal discussion on COPD’ at Kolkatta in December 2009

International

Anaesthesia

- Dr. Hemlata Kamat attended CME on “Global Update on pain (IV)” organised by Bombay Hospital Institute of Medical Sciences, Mumbai from 12th to 15th November 09
- Dr. Neeta Bose attended CME & Workshop and presented a poster at 16th Annual Conference of Indian Society of Critical Care & Medicine & International Critical Care Congress (CRITICARE -2010) at Hyderabad from 10th -14th February 2010



Cancer

- Dr. Shankar presented a paper under clinical category on "Implant motion in HDR brachytherapy for gynaec cancers" at Asia Pacific Cancer Congress, Taiwan and received an award for the best paper in September 2009
- Dr. Haritha presented a poster on "Oral morphine gargles: A cost effective approach for pain relief in patients with chemoradiation induced acute oral mucositis in head and neck cancers" at ASCO 2009 conference (American Society of Clinical Oncology) at Chicago in May 2009
- Dr. Haritha presented a poster in Asia Pacific Cancer Congress in September 2009

Cardiac

- Dr. Sunil Thanvi attended "SINGLIVE 2010" at Singapore from 21st -23rd January 2010

Medicine

- Dr. Himanshu Pandya attended a distance Learning Course on Theme 1: Self Review & Accreditation Module 1: Standards for Medical Education and on Theme 1: Self Review & Accreditation Module 2: Organizing a self-review by FAIMER, WFME, The Open University, UK from 6th April to 12th June 2009 and 31st August to 9th November 2009 respectively.
- Dr. Soham Desai and Dr. Devangi Desai attended "World Congress of Neurology Conference" at Bangkok where Dr. Soham Desai presented a paper in October 2009
- Dr. Soham Desai attended "International Stroke conference" by AIIMS, New Delhi in March 2010

Obstetric & Gynaecology

- Dr. Maitri Patel attended conference and workshop on "Recent advances in Obstetric /Gynaecology" at Nehru Center, Mumbai from 11th -13th September 2009

Orthopedics

- Dr. Naveen Sharma attended IAS (Indian Arthroscopic Society) at Ahmedabad in October 2009
- Dr. Saranjeet Sing Jagdev delivered a Guest Lecture on "Soft Tissue- An Issue In Orthopedics" at International Congress and Second Annual Conference Of The Indian Society For Trauma And Acute Care (ISTAC) at AIIMS, New Delhi held from 12th- 15th Nov. 2009
- Dr. Mihir Dholakia attended Advanced Revision Hip Arthroplasty Workshop at Chulalongkorn University, Bangkok in February 2010

Pathology

- Dr. Neena Doshi attended 6th Asia Pacific Conference, IAP at Cochi from 20th to 23rd August 2009
- Dr. Menka Shah, Dr. Sanjay Chaudhari, Dr. Neena Doshi, Dr.

Munira Jhabuawala & Dr. Nidhi Agrawal (Resident) attended CME on "Surgical Pathology, Cytology & Hematology" at Mahatma Gandhi Memorial Medical College, Indore from 5th to 7th February 2010

- Dr. Monica Gupta attended conference on "International Pathology update 2010" jointly organized by WASPaLM & PGIMER at PGI Chandigarh on 19th & 20th February 2010.

Pharmacology

- Dr. Barna Ganguly invited as speaker for the "4th International Conference on Fermented Foods, Health Status and Social Well Being" in Anand Agricultural University, Anand on 20th December 2009

Psychiatry

- Dr. Himanshu Sharma attended conference on "The Inaugural Indian Global Psychiatric Initiative (IGPI-2010) at JAIPUR on 15th to 16th January 2010

Radiodiagnosis

- Dr. Deepak V. Mehta attended "Second International Head & Neck Imaging Course – MDCT and High Field MR" under the aegis of Academy of Imaging Sciences, Pune from 10th to 12th April 2009
- Dr. Deepak V. Mehta attended "Diamond Jubilee Word Conference of Baroda Medical College Alumni Association and its C.M.E. Programme" at Vadodara from 25th to 27th December 2009

Surgery

- Dr. Shirish Srivastava attended "MCI Platinum Jubilee Celebration, Commemorative International Workshop" at New Delhi on 2nd -3rd March, 2009

TB and Chest

- Dr. Nimit Khara attended the American Thoracic Society (ATS) - Annual International Conference at California in May 2009. Conference of Society of Gastrointestinal Endoscopy of India" organised by Society of Gastrointestinal Endoscopy of India from 22nd -24th February, 2009
- Dr. Nimit Khara attended the American Thoracic Society (ATS) - Annual International Conference at California in May 2009.

Papers Published

Anaesthesia

- Dr. Himanshu Pandya, Dr. Ripal Shah, Dr. Neeta Bose, Dr. Nayanjeet Chaudhary & Dr. Ajay Phatak; "Educational intervention to improve death certification at a teaching hospital in "The National Medical Journal Of India", Volume - 22, No. 6, 2009

Anatomy

- Dr. Suman Singh & Dr. Praveen Singh; "An innovative approach to teaching microbiology to undergraduates"; in "Medical Education" 2009; 43:1081-1117

Community Medicine

- Dr. Dinesh Bhandari; "A Community based electrophysiological study of computer operators" in Indian Journal of Physiotherapy & Occupational Therapy, Vol. 3, No.4, October –December 2009.
- Dr. Dinesh Bhandari; "An Evaluation of the utilization of RCH Services provided by Government to the rural community of Anand District"; published in Gujarat Indian Journal of Public Health, Vol. 53, No. 4, October – December 2009.
- Dr. Deepak Sharma; "A Study on falls in Jamnagar City"; in Indian Medical Gazette, September 2009, Vol. CXLIII, No.9,344-346.
- Dr. Deepak Sharma; "A study on Injury patterns in Jamnagar City"; published in Journal of National Institute of Health and Family welfare, New Delhi, Vol. 32,1,29-35, January –March 2009.

ENT

- Dr. Yojana Sharma; "Intracranial and Extracranial complications of CSOM: Our experience at a rural based tertiary care hospital"; published in Gujarat Journal of Otolaryngology.

Forensic Medicine

- Dr. C.B. Jani; "Forensic implications of aesthetic surgery" in Journal of Indian Academy of Forensic Medicine, April-June 2009.
- Dr. C.B. Jani, Dr. Sanjay Gupta, Dr. Monica Gupta, Dr. Keyuri Patel & Dr. Menka Shah; "Forensic Histopathology - Bane or Boon?"; in Journal of Indian Academy of Forensic Medicine; July - September, 2009, Volume (Number): 31(3), Page No. 222-229, ISSN:0971-0973, Indexed in: IndMed
- Dr. C. B. Jani; "Journey of JIAFM- When, where & how"; in Journal of Indian Academy of Forensic Medicine; October – December 2009.
- Dr. Sanjay Gupta & Dr. Pranav Prajapati; "Homicide trends at Surat region of Gujarat" in Journal of Forensic Medicine and Toxicology; January -June 2009, Page No.: 45-48, ISSN:0971-192971-1929, Indexed in: covered by Embase & the Excerpta Medica Database

Medicine

- Dr. Himanshu Pandya, Dr. Neeta Bose, Dr. Nayanjeet Chaudhary, Dr. Ripal Shah and Mr. Ajay Phatak; "Educational intervention to improve death certification at a teaching hospital"; published in National Medical Journal Of India, Vol. 22 No. 6, 2009
- Dr. B.S. Vaishnav; 'Insulin Resistance : A Clinician's Perspective' published by Tagore Medical House, Chandigarh (Chapter 2, Page No.: 25-32)
- Dr. B.S. Vaishnav; "Pyrexia of Unknown Origin" in "Current Medical Journal of India", Vol. XIV, No. 8

Obstetric & Gynaecology

- Dr. Maitri Patel, Dr. Sanket Sheth, Dr. Chetan Vyas, Dr. Kailash Desai and Dr. B.S. Vaishnav on "Thrombocytopenia in pregnancy, an unusual case report" published in Gujarat Medical Journal, February 2010

Oncology

- Dr. C. Haritha and Dr. V. Shankar; "Oral morphine gargles: A cost effective approach for pain relief in patients with chemo radiation induced acute oral mucositis in head and neck cancers" in Journal of Clinical Oncology 2009 at ASCO Annual Meeting Proceedings (Post meeting edition), Vol. 27, No. 15S (May 2009 Supplement), 2009: e20504
- Dr. V. Shankar, Dr. C. Haritha, H.L. Trivedi, A. Vanikar, P. Shah, V. Shah, P. Modi; "Ideal Radiation Portal for Non-myeloablative Conditioning in Renal Transplantation to Achieve Donor Hyporesponsiveness: TLI Or STLI?"; in "International Journal of Radiation Oncology/ Biology/ Physics" on 1st November 2009 (Vol. 75, Issue 3, Supplement, Page S488)
- Dr. C. Haritha, Dr. V. Shankar, H.L. Trivedi, A.V. Vanikar; "Mesenchymal Stem Cells Transplantation with Non-myeloablative Conditioning for Type I Diabetes Mellitus Lab to Clinic"; in International Journal of Radiation Oncology/ Biology / Physics on 1st November 2009 (Vol. 75, Issue 3, Supplement, Pages S486-S487)
- Dr. V Shankar, G Senthil, S Muthulingam, J Prajapati; "Evaluation of CT-Based High Dose Rate Brachytherapy Treatment Planning in Nasopharynx Using Dose Volume Indices"; published as an abstract in American Association of Physicists in Medicine (AAPM) Annual Meeting, 2009
- Kuppaswamy, G.Senthil and S.Muthulingam; "In-Phantom calibration of high dose rate iridium 192 brachytherapy source"; published as an abstract in American Association of Physicists in Medicine (AAPM) Annual Meeting 2009.

Pathology

- Dr. Menka Shah and Dr. Sahil Patel on "Iron Deficiency Anemia in Moderate to Severely Anemic Patients" by Gujarat Medical Journal, Vol.4 Issue-8, August, 2009



- Dr. Keyuri Patel, Dr. Gurudatt Gupta, Dr. Menka Shah and Dr. Purvesh Patel on "Pulmonary actinomycosis in fine needle aspiration cytology" in Journal of Cytology, April-June 2009/Vol.26/Issue-2, September-2009

Pharmacology

- Dr. Bharat Gajjar on "Modern Medicines in Drinking Water" in the book, "An Introduction to Environmental Pharmacology"; published by Ibn Sina Academy, Aligarh, India in March 2009
- Dr. Bharat Gajjar on "Problems and solutions to Global acceptance of Ayurveda as system of Medicine"; published in monthly e-bulletin of NetRUM in June 2009.
- Dr. Bharat Gajjar along with co authors, Dr. Nilesh Banker and Dr. Nazima Mirza on "Fixed dose combinations: most of them are not rational"; published in the official web-site of Indian Academy of Paediatrics, Gujarat Chapter under Paediatrician Forum Section.

Physiology

- Dr. Wasim A. Shaikh, Dr. Minal Patel and Dr. S. K. Singh on "Association of sleep duration with Arterial Blood Pressure profile of Gujarati Indian Adolescents"; published in Indian Journal of Community Medicine, in January - March 2010; 35(1):125-129.
- Dr. Wasim A. Shaikh, Dr. Minal Patel, Dr. S.K. Singh on "Sleep Deprivation Predisposes Gujarati Adolescents to Obesity"; published in Indian Journal of Community Medicine in July-September 2009; 34(3): 192-194.
- Dr. Wasim A. Shaikh, Dr. Minal Patel, Dr. S.K. Singh on "Relation of Body Fat Percentage and Fasting Blood Sugar level in Gujarati Adolescents"; published in Biomedicine in October - December 2009, 29(4):370-372.

Psychiatry

- Dr. Himanshu Sharma, Dr. Nimisha Desai and Jaishree Ganjiwale on "Prevalence & risk factors in delirium: A tertiary care hospital based study" in Journal of Mental Health and Human Behaviour, 2010 15(1) : 40-45

Radiodiagnosis

- Dr. C. Ray Chaudhari, Dr. Nayanjeet Chaudhari and Dr. Rajiv Paliwal on "Radiological Evaluation Of Pneumoconiosis (AGATE workers) in Khambat according to ILO classification" Accepted and waiting for publication.

Skin

- Dr. Pragya Nair on "Signs in dermatology"; published in Quarterderm, Issue 73.
- Dr. Rita Vora on "Cutaneous Sarcoidosis"; published in Quarterderm, Issue 74.
- Dr. Rita Vora on "Cutaneous manifestations of Internal malignancies; published in Quarterderm, Issue 75.

Surgery

- Dr. Jitesh Desai on "Meckel's diverticulum"; published in Internet Journal of Surgery, 2009 under review article
- Dr. Shirish Srivastava and Dr. Jitesh Desai on "Severe breathlessness not explained exclusively by COPD – A case of Chilaiditi's Syndrome" accepted by American Thoracic Society to be read at Annual International Conference in May – 2010 at New Orleans
- Dr. Vipul D Yagnik & M. Mehta on "Incidence of Recurrent Laryngeal Nerve Palsy with and without Nerve Identification During Thyroid Surgery"; published in The Internet Journal of Surgery, 2009, Volume 20 Number 1 under research article
- Dr. Vipul Yagnik on "Carcinoma of the penis, Report of three cases and review of literature"; published by The Internet Journal of Surgery, 2009 Volume 20 Number 2 under review article
- Dr. Vipul Yagnik, Dr. P. Patel & A. Patel on "Bleeding soft-tissue sarcoma: rare presentation of upper extremity sarcoma"; published in The Internet Journal of Surgery, 2009, Volume 20 Number 2
- Dr. Vipul Yagnik, P. Patel & A. Patel on "Congenital internal hernia: a rare cause of small-bowel obstruction"; published in The Internet Journal of Surgery, 2009, Volume 20, Number 1
- Dr. Vipul Yagnik on "Traumatic ectopic testis"; published in ANZ Journal of Surgery, 2009 June, 79(6): 497-8, PMID: 19566885; A retrospective comparative study of 2 port appendectomy with 3 port & open appendectomy accepted in Saudi Journal of Gastroenterology under research article, Inflammatory myofibroblastic tumor of the urinary bladder : rare entity (case report), accepted by Urology Annals, Exstrophy of bladder : letter to the editor (ANZ Journal of surgery), Meckel's diverticulum accepted by Internet Journal of Surgery under review article and Giant malignant pheochromocytoma (case report) accepted by Internet Journal of Oncology
- Dr. Jignesh Rathod; "Case Report: Bilateral Breast Abscess: A Rare Complication of Enteric Fever"; published in Indian Journal of Medical Microbiology, Vol 27., 2009
- Dr. Jignesh Rathod; "Case: Pheochromocytoma – A Biological Timebomb"; accepted for publication in Internet Journal of Oncology
- Dr. Jignesh Rathod; "A retrospective comparative study of 2 port appendectomy with 3 port & open appendectomy" accepted in Saudi Journal of Gastroenterology under research article
- Dr. Apurva Patel, Dr. Vipul Yagnik, P. Patel & A. Patel on "Bleeding soft-tissue sarcoma: rare presentation of upper extremity sarcoma"; accepted by The Internet Journal of Surgery, 2009, Volume 20, Number 2
- Dr. Vipul Yagnik, P. Patel & A. Patel on "Congenital internal hernia: a rare cause of small-bowel obstruction"; accepted by The Internet Journal of Surgery, 2009 Volume 20 Number 1

TB and Chest

- Dr. Rajiv Paliwal, Dr. S N Patel and Dr. Purvesh Patel on 'Elongated uvula and diagnostic utility of spirometry in upper airway obstruction, a case report'; published in Lung India January –March 2010 Issue
- Dr. Purvesh Patel on "Pulmonary Actinomycosis – A case report"; published in National Journal of Microbiology

*Awards and Recognitions***Anatomy**

- Dr. Praveen R Singh selected as faculty at CMCL FAIMER (Foundation for Advancement of International Medical Education & Research) Regional Institute for the FAIMER 2010 session; selected as Reviewer for Applications at FAIMER Fellowship program at CMCL FAIMER Regional Institute and has successfully completed 10 weeks online Distance learning course from World Federation of Medical Education on "Standards of Medical Education" from 1st February to 9th April 2010
- Dr. Praveen Singh was Incharge, Souvenir Committee & organization of MCI platinum jubilee workshop on 7th Feb, 2009
- Dr. Praveen R Singh is involved with online discussions on topics of Medical Education with FAIMER.
- Dr. Praveen R Singh moderated discussion twice on "Functional MEU" & "Integrated teaching" on Google MEU group

Biochemistry

- Dr. Amit Trivedi completed Ph.D. in Medical Biochemistry by S.P. University, Vidyanaagar for his thesis entitled "Adenosine Deaminase and Liver function tests in HIV and Tuberculosis patients"
- ENT Dr. Siddharth Shah awarded with FHNO (Foundation of Head and Neck Oncology), a travel fellowship for further training in Microvascular Reconstruction at AIMS, Cochin on 15-19 October, 2009

Forensic Medicine

- Dr. C. B. Jani elected as executive member of governing council of Indian Academy of Forensic Medicine for years 2010-2011; appointed as reviewer for Journal of Medicinal plants and research and as reviewer for Journal of Indian Academy of Forensic Medicine
- Dr. Sanjay Gupta appointed as Reviewer/ Advisor in editorial board of Internet Journal of Medical Update in January 2010
- Dr. Sanjay Gupta appointed as "Assistant Editor" of International Journal of Medical Toxicology and Legal Medicine in January 2010.

Medicine

- Dr. B.S. Vaishnav is editor of the magazine published by Sri Aurobindo Chair of Integral Studies, "The Sunlit Path" since August 15th, 2009 containing articles / compilations on 'Light for Students' Integral Education, and Integral Health - 9 issues since August 15, 2009.
- Dr. Sanket Sheth completed one year certificate course on 'Introduction to basic principles & practice of Ayurveda
- Dr. Sanket Sheth appointed "Zonal representative" for central Gujarat in APG (Association of Physicians of Gujarat) in Jan 2010

Microbiology

- Dr. Suman Singh moderated web based discussion twice on Google MEU group "Functional MEU" & "Integrated teaching"
- Dr. Suman Singh selected as faculty at CMC Ludhiana FAIMER (Foundation for Advancement of International Medical Education & Research) Regional Institute for the FAIMER session in January 2010 and received fellowship for the same

Nursing

- Mrs. Raksha Parmar has successfully completed her Post Graduation in Obstetric Nursing and has been deputed as Vice Principal
- Mrs. Nila B. Darji has been awarded a certificate by The President of Institute of Environment Protection for guiding the students in preparing Essay on "Effect of Changing Environment on Health"

Obstetrics & Gynecology

- Dr. Nitin Raithatha completed observership as Assessor, NABH (2nd –23rd January 2010); visited Nasik as Assessor with team for NABH final assessment during 20-21 March 2010
- Dr. L.N. Chauhan felicitated by Govt. of Gujarat on 14th June 2009, World Blood Donation day for donating blood more than 120 times at Cama hall- Ahmedabad, A D Gorwala Blood Bank on 19/3/2010 for donating blood 125 times and also by Baroda Nagrik Raktadan Samiti on 25th July 2009.
- Dr. Smruti Vaishnav felicitated by Govt. of Gujarat on World Blood Donation day on 14th June 2009 for donating blood 50 times.

Pathology

- Dr. Monica Gupta attended the NABH Assessor Training Course for Blood Bank held in Mumbai from 14th-18th December, 2009
- Dr. Monica Gupta selected as Reviewer for journal Asian Journal of Transfusion Services
- Dr. Monica Gupta selected as Expert faculty for preparation of model documents for blood bank by Gujarat State Council of Blood Transfusion



Pharmacology

- Dr. Barna Ganguly has been appointed as Chairperson of IEC, Dairy Science College, AAU.
- Dr. Bharat Gajjar is a regular reviewer as an expert of manuscripts (research articles) received for publication by Indian Journal of Pharmacology.
- Dr. Bharat Gajjar is nominated by CPCSEA, Ministry of Environment & Forests, Government of India (a) Link Nominee Member in Institutional Animal Ethics Committee of Pioneer Pharmacy Degree, college Sayajipura, Vadodara (b) Scientific from outside the institute in Institutional Animal Ethics Committee, of Shree Krishna Institute of Pharmacy, Becharaji, Dist.Mehsana.

Physiology

- Dr Vivek Verma participated and successfully completed the 3rd session of FAIMER fellowship programme from 13th to 17th June 2009 at GSMC Mumbai
- Dr.Wasim A.Shaikh has been awarded a PHD in Medical Physiology by the Sardar Patel University under the guidance of Dr. S. K. Singh for his thesis entitled "Effect of Lifestyle and Body Composition on the Cardiovascular Profile of Gujarati Adolescents" in October 2009.

PSM

- Dr. Dinesh Bhandari invited as reviewer by "Indian Journal of Ophthalmology" and "Optometry Today, UK" to review research articles
- Dr. Uday Shankar Singh selected for the University of South Florida for AIDS International Training Research program scholarship (AITRP) on 15th June 2009
- Dr. Vasudev Rawal invited to be an expert member on the panel for the selection of Regional Coordinator for Child Health, by the Commissioner, Health, Medical Services and Medical Education, Government of Gujarat on 26th June 2009
- Dr. Uday Shankar Singh selected by the University of South Florida in "AIDS International Training Research program Scholarship" for the Graduate Certificate course in Clinical Investigation fall 2009 session
- Dr. Manisha Gohel has been selected as a Fellow of the GSMC-FAIMER Institute in 2010

Radiology

- Dr. Deepak V. Mehta achieved the life time membership of Indian Society of Vascular & Interventional Radiology (ISVIR).
- Dr. Deepak V.Mehta has been conferred Fellowship of Indian College of Radiology & Imaging (F.I.C.R.).

THE FACULTY

Dean

Dr. Utpala Kharod

Anaesthesia

Dr. Hemlata Kamat
 Dr. Pranoti Patel
 Dr. Heena Patel
 Dr. Neeta Bose
 Dr. Arvind Patel
 Dr. Alpa Patel
 Dr. Madhavi Chaudhari
 Dr. Birva Khara
 Dr. Ushma Parikh
 Dr. Rinku Arora
 Dr. Gurpreet Pansesar
 Dr. Vaibhavi Javeri
 Dr. Bharati Rajani
 Dr. Krutika Shah
 Dr. Bhavesh Patadiya
 Dr. Asmit Chaudhary
 Dr. Sheetal Acharya

Anatomy

Dr. Raksha Bhatt
 Dr. Rohini Routal
 Dr. Praveen Singh
 Dr. Nita Tanna
 Dr. Sumati Khanna
 Dr. Chirag Khant
 Dr. Chirag Pithiya
 Dr. Hireen Chavda

Biochemistry

Dr. N. Haridas
 Dr. S. Ghosh
 Dr. Hitesh Shah
 Dr. Kiran Chauhan
 Dr. Amit Trivedi

Community Medicine

Dr. Vasudev Rawal
 Dr. Uday Shankar Singh
 Dr. Dinesh Bhandari
 Dr. Nayanjeet Chaudhury
 Dr. Deepak kumar Sharma
 Dr. Tushar Patel
 Dr. Dinesh Kumar
 Dr. Manisha Gohel
 Ms. Jaishree Ganjiwale
 Mr. Prakash Naik
 Ms. Usha Patel

Dentistry

Dr. Nikita Gupta
 Dr. Sindhu Dodamani
 Dr. Mrina Patel
 Dr. Farhan Zubani

ENT

Dr. Girish Mishra
 Dr. Hireen Soni
 Dr. Nimesh Patel
 Dr. Siddharth Shah
 Shri Sunil Bhatt
 Shri Hemant Patel

Forensic Medicine

Dr. Chetan Jani
 Dr. Sanjay Gupta
 Dr. Ravi Panchal
 Dr. Divyesh Sondarva
 Dr. Hardik Dodia

General Medicine

Dr. Jyoti Mannari
 Dr. Himanshu Pandya
 Dr. Bhalendu Vaishnav
 Dr. Shirish Gandhi
 Dr. Alpa Leuva
 Dr. Ajay Mishra
 Dr. Ripal Shah
 Dr. Sanket Sheth
 Dr. Devangi Desai
 Dr. Ripal Shah
 Dr. Kishor Piradiya
 Dr. Labani Ghosh
 Dr. Soham Desai
 Dr. Krishnakant Sharma

Microbiology

Dr. Manharlal Shah
 Dr. Sunil Trivedi
 Dr. Sajan Nair
 Dr. Suman Singh
 Dr. Yagnesh Pandya
 Dr. Rupal Patel
 Mrs. Mudita Paliwal
 Dr. Chirag Patel

Obstetrics & Gynaecology

Dr. L. N. Chauhan
 Dr. Smruti Vaishnav
 Dr. Rama Shrivastava

Dr. Maitri Patel
 Dr. Nitin Raithatha
 Dr. Nipa Modi
 Dr. Chetna Vyas
 Dr. Rakhee Patel
 Dr. Swati Patel
 Dr. Kailesh Desai

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 Dr. Samirchandra Bhavsar
 Dr. Devendra Saxena
 Dr. Chaitali Patel

Orthopaedics

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 Dr. Ramesh Panchal
 Dr. Setul Patel
 Dr. Amit Patel
 Dr. Mihir Dholakia
 Dr. R. L. Chhangani
 Dr. Vivek Patel
 Dr. Saranjeet singh Jagdev
 Dr. Naveen Sharma
 Dr. Veerendra Shandilya

Paediatrics

Dr. Shashi Vani
 Dr. Nikhil Kharod
 Dr. Somashekhar Nimbalkar
 Dr. Krutika Tandon
 Dr. Lopa Dalal
 Dr. Urvinder Kaur
 Dr. Dipen Patel

Pathology

Dr. Menka Shah
 Dr. Keyuri Patel
 Dr. Monica Gupta
 Dr. Sanjay Chaudhari
 Dr. Faruq Mulla
 Dr. Kirti Rathod
 Dr. Munira Jhabuawala
 Dr. Kalpesh Shah
 Dr. Jigar Shah
 Dr. Amar Shah
 Dr. Megha Yadav
 Dr. Sadhana Saraiya

Pharmacology

Dr. Barna Ganguly
 Dr. Bharat Gajjar
 Dr. Nazima Mirza
 Dr. Anuradha Joshi
 Shri U. D. Panchakshari
 Dr. Alpa Gor

Physiology

Dr. S K Singh
 Dr. Ashok Nair
 Dr. Vivek Verma
 Dr. Wasim Shaikh
 Dr. Minal Patel
 Dr. Archana Nimbalkar
 Dr. Hasmukh Shah

Psychiatry

Dr. Himanshu Sharma
 Dr. Nimisha Desai

Radiology

Dr. Chandra Raychaudhari
 Dr. Jaydeep Doshi
 Dr. Sandip Jhala
 Dr. Dipak Patel
 Dr. Diva Shah
 Dr. Viral Patel
 Dr. Ashvin Pansuriya

Skin & Venereal Diseases

Dr. Rita Vora
 Dr. Pragya Nair
 Dr. Nishit Bodiwala

General Surgery

Dr. Shirish Srivastava
 Dr. Sharadchandra Shah
 Dr. Jitesh Desai
 Dr. Chirayu Chokshi
 Dr. Paresb Patel
 Dr. Jignesh Rathod
 Dr. Sunil Vyas
 Dr. Apurva Patel
 Dr. Vipul Vagnik
 Dr. Jayesh Patel
 Dr. Sachin Vani
 Dr. Shailesh Patel
 Dr. Rajivkumr Contractor



Specialists

Dr. Suresh Nayak,
(Neuro Surgeon)

Dr. Paresh Modi
(Neuro Surgeon)

Dr. Sumit Kapadia,
(Vascular Surgeon)

Dr. Vijaysing H Thakore
(Vascular Surgeon)

Dr. Sandeep Sharma,
(Plastic Surgeon)

Dr. Sameer Raval,
(Plastic Surgeon)

Dr. Jayul Kamdar,
(Paediatric Surgeon)

Dr. Amit Chaddha,
(Uro Surgeon)

Chest Medicine

Dr. Satish Patel

Dr. Rajiv Paliwal

Dr. Purvesh Patel

Dr. Nimit Khara

Specialist

Dr. Manoj Yadav,
(Pulmonarologist)

Trauma & Emergency Care

Dr. Mukesh Patel

Dr. Sejal Raval

Dr. Arun Varun

Dr. Jaiprakash Mehta

Dr. Bhavin Sharma

Dr. Rajiv Damor

Dr. Varun Patel

Dr. Rakesh Patel

Physiotherapy

Dr. Lata Parmar

Dr. Daxa Mishra

Dr. G. Palanikumar

Dr. Sangeeta Macwan

Dr. Deepak Ganjiwale

Dr. Ruchita Chavda

Dr. Swati Patel

Dr. Sanket Parekh

Dr. Kamlesh Vaghela

Dr. Preksha Shah

Dr. Gayatri Chaudhari

Dr. Dilar Rana

Dr. Nilesh Trada

Dr. Ashma Desai

Dr. Parth Patel

Dr. Nirav Vaghela

Dr. Jigar Mehta

Dr. Vinod Ravaliya

Dr. Ashish Gupta

Dr. Shweta Parikh

Nursing School

Ms. K. Masurkar

Mrs Raksha Parmar

Mrs. Trusha Patel

Ms. Nila Darji

Mr. H B Suthar

Ms. Vandana Shrimali

Ms. Priti Solanki

Ms. Anna Rao

Ms. Bhavna Chavda

Ms. Kailash Patel

Ms. Suryabala Christian

Ms. Darshna Suthar

Mr. Joy Macwan

Cancer Centre

Dr. V. R. K. G. Shankar

Dr. C. Haritha

Dr. Pradeep Shah,

(Onco. Physician)

Dr. Rajiv Bhatt,

(Onco Surgeon)

Dr. Jigar Parmar

Cardiac Centre

Dr. Dhiren Dave

Dr. Sunil Thanvi

Dr. Gaurav Goel

Dr. Krunal Soni

Dr. Sandhya Nair

Ms. Leena Mudaliyar

THE MANAGEMENT TEAM

CEO's Office

Shri Sandeep Desai
Dr. Neelofar Sayed

Accounts

Shri Mukesh Shah
Shri Kanaiyalal Suthar
Shri Minesh Shah
Ms. Shainey Varghese

P&A

Shri K P Jaiswal
Shri Kamaljitsinh Gohel
Shri Wilson Vaghela
Shri Narendra Patel
Shri Bharat Sharma

HR

Shri Suresh Rajagopalan
Shri Nilesh Panchal
Ms. Archana Gupta
Shri Ramnathan Iyer
Mrs. Sushma Kapadia
Shri R. B. Prajapati
Ms. Ralsi Sharma
Ms. Juhi Upadhyay
Shri Ankit Soni
Shri Dereck Christian

Material Management Purchase

Shri Ravindra Ubgade
Shri Pankaj Raj
Shri Vinodchandra Jani
Shri Dinesh Patel
Shri Jayantilal Bhatt
Shri Ullas Oza
Ms. Leena Thadani
Ms. Kavita Singh
Shri Sanjiv Mehta

Dean's Office

Shri Rajan G.
Shri Daniel
Shri Bipinchandra Patel
Shri M. C. Varghese

Dietary Services

Ms. Jigna Patel

Maintenance

Shri Shrirang Puntambekar
Shri Hasmukh Bhuvra
Shri Dilip Patel
Shri Rashiklal Patel
Shri Shabin Shaikh
Shri Jignesh Sevak

Projects

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Shri Bhavesh Panchal

Systems

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Shri Nikhil Makwana
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Shri George Parmar

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Shri Pragnesh Gor
Shri Vimal Singh
Shri Jay Bhatt

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Ms. Shivkanya Birla
Ms. Divya Gautam
Shri Shashank Tiwari
Dr. Ravi Bansal
Dr. Abhishek Soni
Ms. Vartika Vaish

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Shri Ajay Pathak
Ms. Dhara Antani

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Shri Tiju Thomas

Patient Relation

Dr. Aarti Gandhi
Ms. Minakshi Patel
Shri Maulin Shah



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Suhasbhai J. Shah, Vadodara
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Punambhai Mangalbhai Patel, Bhatial

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Shree Vir Vitthalbhai
Patel Dardi Sahayak Charitable Trust,
Vallabh Vidyanagar
Johnson And Johnson Ltd., Mumbai
Ashokbhai J Patel, Anand
Dr. Chimanbhai A. Patel, Anand
Real Wine, Anand
Nikulbhai Chhotabhai Patel, Anand
Shyam Sunder Rathi, Vallabh Vidyanagar
Sharad Hirubhai Patel, Mumbai
Mahendrabhai Harmanbhai Patel, Bakrol
Rajnikantbhai Jivabhai Amin, Virsad
Krutiben Prakashbhai Patel, Vallabh Vidyanagar

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Natubhai Zaverbhai Patel
Gangaben Ramabhai Rathod
Champaben Chandulal Shah
M. R. Srinivas
Nalinchandra Girjashankar Trivedi

Vadodara

Pushpaben Punjabhai Patel, Umreth

Chikhodra

Ramanbhai Chhotabhai Patel

Kheda

Kamlaben Bhagubhai Patel

Sojitra

Ramanbhai Kashibhai Patel

V V Nagar

Suryakant Maganbhai Amin
Maniben Dahyabhai Patel
Dineshbhai Manibhai Patel
Chandrakant Narandas Thakkar



AUDITORS' REPORT

C. C. Chokshi & Co

Chartered Accountants

3rd Floor, "Heritage" Near Gujarat Vidyapith,
off Asharam Road, Ahmedabad - 380 014

Name Of The Public Trust: Charutar Arogya Mandal, Vallabh Vidyanagar,
Dist. :Anand

Registration Number: F / 119 / Anand

We have audited the Accounts of the above named Mandal for the year ended 31st March, 2010 and beg to report that:-

1. The accounts are maintained regularly and in accordance with the provisions of the Act and the Rules;
2. Receipts and disbursements are properly and correctly shown in the accounts;
3. The Cash Balance and Vouchers in the custody of the General Manager (Accounts) on the date of the audit are in agreement with the accounts;
4. Books, Deeds, Accounts Vouchers and other documents and records required by us were produced before us;
5. An inventory, certified by the trustee, of the movables of the Mandal has been maintained;
6. The General Manager (Accounts) appeared before us and furnished the necessary information required by us;
7. No property or funds of the Mandal was applied for any object or purpose other than the object or purpose of the Mandal;
8. The amounts out-standing for more than one year are Rs. 42,79,005/- and the amount written off is Rs. 14,965/-;
9. Tenders were generally invited for repairs or construction as the expenditure involved did exceed Rs. 5000/-;
10. No money of the Public Trust has been invested contrary to the provisions of Section 35;
11. No alienations of Immovable property have been made contrary to provisions of Section 36;

We have further to report :

Attention is invited to following notes in Schedule "H" regarding:

- Note -2 : Non-provision of balance liability for leave encashment amounting to Rs. 188.97 lakhs.
- Note -3 : Accounting of fees of Rs. 121.45 lacs to Infrastructure Development Fund for the reasons mentioned therein.
- Note -5 : Income of fees for MBBS course. Necessary adjustment for fees will be made based on the final outcome of the order and any further development in this regard. (Amount is unascertainable)
- Note -5 : Non-provision of liability for pay arrears amounting to Rs.237.11 lakhs.
- Note - 6 : Non-provision of liability of Value Added Tax on Medicines for the reasons mentioned therein.
(Amount is unascertainable)

Had the observations made by us in Notes 2, 3 and 5 above been considered, the deficit as on 31st March 2010 would have been Rs. 1515.17 lacs as against the reported deficit of Rs. 1210.54 lacs.

Place Ahmedabad
Date : 14.09.2010

For C. C. Chokshi & Co.
Chartered Accountants
(Registration no. 101876W)

H. P. Shah
Partner
(Membership No. 33331)

BALANCE SHEET AS AT 31st MARCH, 2010

(Regn.No. F / 119 / Anand)

(Rs.in thousands)

SOURCE OF FUNDS :		31.03.2010	31.03.2009
Corpus Funds	Schedule "A"	241,377.13	224,623.49
Medical Relief, Infrastructure Dev. and Other Funds	Schedule "B"	172,301.58	144,339.08
Donations From the Community / Institutions	Schedule "C"	504,788.42	442,429.85
SECURED LOANS :			
Term Loan :			
From Oriental Bank of Commerce for purchase of Equipments (Against hypothecation of MRI Equipments)		19,595.12	24,258.54
Overdraft Facility :			
From ICICI Bank Ltd.		-	8,122.66
[(Fixed deposit receipts for Rs. 100.00 lakhs (P.Y.Rs. 101 Lakhs) pledged as Security]			
From Oriental Bank of Commerce		53,204.37	31,593.10
[(Fixed deposit receipts for Rs. 674.43 lakhs (P.Y.Rs. 404.12 lakhs) pledged as Security]			
TOTAL SOURCE		991,266.62	875,366.72

APPLICATION OF FUNDS :**INFRASTRUCTURE AND INVESTMENT :**

Fixed Assets	Schedule "D"	310,928.68	311,221.34
Investments	Schedule "E"	204,718.26	214,706.79
		<u>515,646.94</u>	<u>525,928.13</u>
WORKING CAPITAL :			
CURRENT ASSETS :			
Inventories		19,029.50	15,280.89
Sundry Debtors (Unsecured)			
Considered good	2,293.13		2,407.71
Considered doubtful	3,323.58		3,323.58
		<u>5,616.71</u>	<u>5,731.29</u>
LESS : Provision for doubtful debts		<u>3,323.58</u>	<u>3,323.58</u>
		2,293.13	2,407.71
Interest Accured		20,081.77	122,11.86
Deposits, Advances and Receivables (Including Rs. 32.65 Lakhs (P.Y. Rs. 19.45 Lakhs) to Charutar Arogya Mandal Medical Research Society)		109,702.18	815,98.92
Cash & Bank Balances	Schedule "F"	3,752.22	1,394.79
Cheques on Hand		-	10.11
		<u>154,858.80</u>	<u>112,904.28</u>



LESS : LIABILITIES :

Current liabilities	46,818.24	44,832.56
Advance Tuition fees	76,043.78	43,651.46
Sundry Credit Balances	32,668.55	21,917.08
Liability for Gratuity & Leave Encashment	105,089.07	93,042.85
Provision for Pay Arrears	29,802.02	50,406.01
	<u>290,421.66</u>	<u>253,849.96</u>
NET WORKING CAPITAL	(135,562.86)	(140,945.68)
DEFERRED REVENUE EXPENDITURE (to the extent not written off)	-	255.53
INCOME & EXPENDITURE ACCOUNT :		
Balance as per last Balance Sheet	490,128.74	374,407.53
ADD : Deficit for the year	121,053.80	115,721.21
	<u>611,182.54</u>	<u>490,128.74</u>

Significant Accounting Policies

Schedule "G"

Notes on Accounts

Schedule "H"

TOTAL APPLICATION

991,266.62 875,366.72

As per our separate report
of even date attached herewith

On behalf of the Charutar Arogya Mandal

For C.C. Chokshi & Co.
Chartered Accountants

Sandeep Desai
Chief Executive Officer

Jagrut Bhatt
Hon. Secretary

Dr. Amrita Patel
Chairman

H P Shah
Partner, Ahmedabad
Date : 14.09.2010

M. H. Shah
General Manager (Accounts)
Vallabh Vidyanagar
Date : 13th September, 2010

J.M.Rawal
Trustee

B. Z. Patel
Trustee

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2010

(Regn.No. F / 119 / Anand)

(Rs.in thousands)

INCOME	2009-10	2008-09
INCOME FROM MEDICAL CARE :		
Treatment Charges	174,418.90	117,527.54
LESS : Concession to Poor Patients and Patients under Voluntary Health Care Scheme [Net of Rs.119.66 Lakhs (P.Y. Rs.Nil) utilised against Medical Relief Funds]	17,512.86	<u>22,782.61</u>
Treatment Charges (Net)	156,906.04	94,744.93
Medicines	92,569.99	60,240.02
Blood Bank	5,749.57	3,459.95
Fees for Clinical Teaching	-	58,169.94
Government Grant	<u>1,370.20</u>	<u>1,368.75</u>
	256,595.80	217,983.59
INCOME FROM MEDICAL EDUCATION :		
Tuition Fees (Net)	202,584.68	110,473.15
Other fees	1,881.50	2,494.00
Educational Assistance	<u>-</u>	<u>7,905.11</u>
	204,466.18	120,872.26
Donations from Community	467.69	2,116.91
OTHER INCOME :		
Income from Investment	699.86	412.14
Rent from Quarters and Hostels	7,283.40	10,070.77
Miscellaneous Income	12,101.80	12,293.10
Sundry Debit / Credit balances written back	182.30	6.41
Profit on sale of Assets	40.38	519.18
Provision for Expenses no Longer required	<u>10.40</u>	<u>11.11</u>
	20,318.14	23,312.71
TOTAL INCOME	481,847.81	364,285.47



INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH, 2010

EXPENDITURE

EXPENDITURE ON MEDICAL CARE :

Manpower	123,577.08	93,561.60
Medicines	58,207.56	39,457.41
Other Expenditure Related to Treatment	66,267.26	57,073.60
Blood Bank Expenses	1,730.37	1,628.23
Electricity	13,149.39	12,005.18
Administrative and Other Overheads	45,227.68	37,189.93
Obsolete Stock Written off	-	454.50
Expenditure on Cancer Awareness & Detection	2,427.08	1,928.63
	<u>310,586.42</u>	<u>243,299.08</u>

EXPENDITURE ON MEDICAL EDUCATION :

Manpower	191,115.90	167,934.07
Electricity	7,452.82	6,526.52
Education Training Expenses	12,364.33	12,556.12
Administrative and other overheads	13,389.22	10,974.49
	<u>224,322.27</u>	<u>197,991.20</u>

INTEREST EXPENSES

On Term Loan	2,771.74	3,339.29
On Overdraft facility	3,499.30	1,037.77
	<u>6,271.04</u>	<u>4,377.06</u>

EXPENDITURE ON ADMINISTRATION :

Manpower	6,246.44	5,326.69
Electricity	427.76	341.14
Administrative and Other Overheads	8,013.11	10,225.48
Campus Development	589.56	574.54
Hostel Maintenance	900.85	982.93
	<u>16,177.72</u>	<u>17,450.78</u>
Research Expenses	942.86	-
Depreciation	53,576.50	49,018.42

TOTAL EXPENDITURE

61,1876.81 51,2136.54

DEFICIT

(130,029.00) **(147,851.07)**

Tuition Fees / Fees for Clinical Teaching of earlier years

- 21,841.84

Fund (interest) transferred from Corpus Fund & HM Patel Centenary Corpus Fund

8,975.20 10,288.02

DEFICIT FOR THE YEAR CARRIED TO BALANCE SHEET

(121,053.80) **(115,721.21)**

As per our separate report
of even date attached herewith

On behalf of the Charutar Arogya Mandal

For C.C. Chokshi & Co.
Chartered Accountants

Sandeep Desai
Chief Executive Officer

Jagrut Bhatt
Hon. Secretary

Dr. Amrita Patel
Chairman

H P Shah
Partner, Ahmedabad
Date : 14.09.2010

M. H. Shah
General Manager (Accounts)
Vallabh Vidyanager
Date : 13th September, 2010

J.M.Rawal
Trustee

B. Z. Patel
Trustee

SCHEDULES TO THE BALANCE SHEET

SCHEDULE "A" : CORPUS FUNDS

(Rs.in thousands)

	As at 31.03.2010	As at 31.03.2009
(I) CORPUS FUND		
Balance as per last Balance Sheet	112,796.85	109,356.94
ADD : Fund received during the year	6,667.41	527.96
Interest earned during the year	9,443.15	11,647.80
Transferred from Other Funds (Ref. Schedule "B")	892.51	-
	17,003.07	12,175.76
	129,799.92	121,532.70
LESS : Fund (interest) transferred to Income & Expenditure Account	7,082.36	8,735.85
TOTAL (i)	122,717.56	112,796.85
(ii) H M PATEL CENTENARY CORPUS FUND		
Balance as per last Balance Sheet	2,3822.34	22,274.12
ADD : Fund received during the year	310.00	1,030.83
Interest earned during the year	2,523.79	2,069.56
Transferred from Other Funds (Ref. Schedule "B")	1,049.53	-
	3,883.32	3,100.39
	27,705.66	25,374.51
LESS : Fund (interest) transferred to Income & Expenditure Account	1,892.84	1,552.17
TOTAL (i i)	2,5812.82	2,3822.34
(iii) JIT - CAM CORPUS FUND(For Scholarship)		
Balance as per last Balance Sheet	8,8004.30	78,525.32
ADD : Interest earned during the year	7,901.83	9,478.98
	95,906.13	88,004.30
LESS : Utilised during the year	3,059.38	-
TOTAL (iii)	92,846.75	8,8004.30
TOTAL (i + ii + iii)	241,377.13	224,623.49



SCHEDULE “ B “ : MEDICAL RELIEF, INFRASTRUCTURE DEVELOPMENT AND OTHER FUNDS

Balance as per last Balance Sheet	144,753.59	114,420.93
ADD : Fund received during the year	8,076.90	2,614.52
Interest earned during the year	100.29	38.21
Transferred from Tuition Fee [Refer to Note 3 (i)]	34,684.94	28,669.29
	<u>42,862.13</u>	<u>31,322.02</u>
	187,615.72	145,742.95
LESS : Utilised during the year	13,372.10	1,151.87
Adjusted towards asset sold	-	252.00
Transferred to Corpus Fund {Ref. Schedule “A (i)”}	892.51	-
Transferred to Centenary Corpus Fund {Ref. Schedule “A (ii)”}	1,049.53	-
	<u>15,314.14</u>	<u>1,403.87</u>
TOTAL	<u>172,301.58</u>	<u>144,339.08</u>

SCHEDULE “ C “ : DONATIONS FROM THE COMMUNITY / INSTITUTIONS (For various facilities)

Balance as per last Balance Sheet	442,429.85	371,744.89
ADD : Received during the year	62,413.57	70,785.46
	<u>504,843.42</u>	<u>442,530.35</u>
LESS : Utilised during the year	55.00	100.50
TOTAL	<u>504,788.42</u>	<u>442,429.85</u>

**SCHEDULE “ E “
INVESTMENTS**

(Rs.in thousands)

**As at
31.03.10** **As at
31.03.09**

A : IN FIXED DEPOSITS :

With Corporate Bodies	54,010.29	51,010.29
With Scheduled Banks [includes FDRs aggregating to Rs.806.50 lakhs (PY.Rs. 565.15 lakhs) pledged as securities]	119,282.97	132,271.50
With Charotar Nagrik Sahakari Bank Ltd. (In Liquidation) (Considered Doubtful)	7,49.05	749.05
LESS : Provision made	<u>749.05</u>	<u>749.05</u>
	-	-
With Charotar Gramodhhar Sahakari Mandal Ltd.	<u>100.00</u>	<u>100.00</u>
	173,393.26	183,381.79

B : IN BONDS WITH:

RBI 8% Saving Bond Taxable (2003)	31,325.00	31,325.00
TOTAL	<u>204,718.26</u>	<u>214,706.79</u>

SCHEDULE “ F “**CASH AND BANK BALANCES****(Rs.in thousands)**

	As at 31.03.10	As at 31.03.09
Cash On Hand	685.50	287.92
Balances with Scheduled Banks: (in the name of Mandal and its Institutions)		
In Current Account with the ICICI Bank Ltd.	285.29	-
In Savings Accounts with :		
Oriental Bank of Commerce	2,555.28	944.13
State Bank of India	20.92	90.23
Bank of Baroda	21.85	-
Punjab National Bank	28.27	14.93
Central Bank of India	26.13	-
ICICI Bank Ltd.	24.62	21.98
Axis Bank Ltd.	104.36	35.60
	<u>2,781.43</u>	<u>1,106.87</u>
TOTAL	<u>3,752.22</u>	<u>1,394.79</u>



SCHEDULE "D"
FIXED ASSETS

2009-2010
Rs. in thousands

PARTICULARS	At Cost as on 01.04.2009	Additions during the Year	Sales/ Adjustments	Total as on 31.03.2010	Provided Upto 31.03.2009	Depreciation Provided		Net Value As on 31.03.2010	Net Value As on 31.03.2009
						on Sales / Adjustments	For the Year		
Land (Freehold)	469.08	-	-	469.08	-	-	-	469.08	469.08
Buildings	192,415.55	5,819.16	-	198,234.71	88,326.23	-	10,555.60	99,352.88	104,089.32
Equipments	327,483.63	36,362.86	8.00	363,838.49	153,859.96	7.88	36,330.62	173,655.79	173,623.67
Furniture & Dead Stock	32,369.11	6,572.37	54.10	38,887.38	14,453.88	53.26	2,355.93	221,30.83	17,915.23
Electrical Installations & Fittings	11,399.58	1,099.60	-	12,499.18	2,676.64	-	1,402.60	8,419.94	8,722.94
Vehicles	2,790.36	759.36	-	3,549.72	2,043.01	-	226.01	1,280.7	747.35
Computers	17,205.33	26,16.32	-	1,9821.65	15,242.74	-	2,557.84	2,021.07	1,962.59
Solar Water System	1,444.45	103.46	-	1,547.91	1,304.83	-	147.90	95.18	139.62
	585,577.09	53,333.13	62.16	638,848.12	277,907.29	61.14	5,357.65	307,425.47	307,669.80
Capital Work-In- Progress (Building)	1,716.00	5,005.50	3,233.29	3,488.21	-	-	-	3,488.21	1,716.00
Capital Item In Stock (Pending Installation)	18,35.54	30.00	1850.54	15.00	-	-	-	15.00	1,835.54
Total	589,128.63	58,368.63	5,145.93	642,351.33	277,907.29	61.14	53,576.5	310,928.68	311,221.34
Previous Year's Total	439,627.55	204,233.72	54,732.64	589,128.63	229,454.43	565.56	49,018.42	311,221.34	

SCHEDULE “G”**SIGNIFICANT ACCOUNTING POLICIES****1. Basis of preparation of Financial Statements**

- (a) The financial statements have been prepared under the historic cost convention in accordance with the generally accepted accounting principles.
- (b) The Mandal generally follows mercantile system of accounting.
- (c) Government grant is accounted when received.
- (d) Tuition fees is net of Infrastructure Development Fund and fees for Clinical Teaching.
- (e) Corpus Fund :
 - (i) Corpus Fund : Fund received for general purpose and as decided by the management is credited to Corpus Fund Account. Interest earned on investment of Corpus Fund is credited to the said fund account and 75 % of the interest credited is transferred to Income & expenditure Account (Medical Care).
 - (ii) H M Patel Centenary Corpus Fund : Fund received for meeting the cost of indigent Cancer patients and interest earned thereon is credited to H M Patel Centenary Corpus Fund Account and 75 % of the interest credited is transferred to Income & Expenditure Account (Medical Care).
 - (iii) JTT - CAM Corpus Fund : Fund received from Jamsetji Tata Trust for scholarship to MBBS students and interest earned thereon is credited to Jamsetji Tata Trust -CAM Corpus Fund Account.
- (f) Donation received from communities/institutions for Cancer Awareness project and for miscellaneous purposes are credited to Income & Expenditure Account.

2. Fixed Assets

Fixed assets are stated at cost.

3. Depreciation

Depreciation on fixed assets is provided on the written down value at the rates as prescribed by the Income Tax Rules 1962. Depreciation on assets acquired during the first half of the year is provided for the full year and no depreciation is provided in the year of disposal.

4. Investments

Investments are carried at cost.

5. Inventories

Inventories include medicines, medical and surgical items, housekeeping materials and other consumables. Medicines are valued on actual cost basis and other items are valued at cost on first-in-first out basis.

6. Retirement Benefits

- (i) Contribution to Provident Fund and Super Annuation Fund are charged to Income & Expenditure Account.
- (ii) Gratuity Liability for the year has been provided as estimated by the management.
- (iii) Liability for Leave Encashment benefit for the year has been provided as estimated by the Management.

7. Deferred Revenue Expenditure

Past liability for the Gratuity is written off over a period of ten years in equal installments.

8. Contingent Liabilities

These are disclosed by way of notes to Accounts.

9. Library Books

Expenditure on Library Books are charged to Income & Expenditure Account.



SCHEDULE “H”

NOTES ON ACCOUNTS

1. The accounts of all units have been consolidated to represent the overall financial performance and the financial position of the Mandal.
2. The liability on account of leave encashment as on 31.03.2010 is estimated at Rs. 5,54,16,200/-. The provision of Rs. 82,31,410 /- including Rs. 53,10,814 /- for the year is made in the financial year 2009-10.
3. i) Course wise Tuition fees transferred to Infrastructure fund as under :

Course	% of Tuition fees transferred to Infrastructure fund
MBBS	10
Physiotherapy	10
Nursing	10
PG	10
MPT	10
MSC-MLT	10
DMLT	40

- ii) Fees from NRI Category students :

The differential amount of fees between NRI category and Non-NRI category is credited to Infrastructure Development Fund, after adjusting scholarship expenses, as recommended by the Honourable Justice R.J.Shah (retired) Fee Committee. The same was hitherto credited to Educational Assistance Income. As a result, the deficit for the year is increased by Rs. 121,44,674/-.

4. As per the Order dated 20th June, 2007 of Honourable Justice R. J. Shah (Retd.) Fee Committee, the fees for MBBS Course is recommended at Rs. 2,20,000/-, Rs. 2,45,000/- and Rs. 2,75,000/- for the students on roll in the year 2006-07, 2007-08 and 2008-09 respectively and the Mandal has accounted for the fees as recommended by the fee Committee. The Parents Association for Medical/Dental students has challenged recommendations of Fee Committee before the Honourable Gujarat High Court.

As per Order of Gujarat High Court dated 19-24 March, 2008, the matter was remanded to the Fee Committee for its review. However, on Mandal's appeal against the Order, the Divisional Bench of the Gujarat High Court vide its interim order dated 23rd May, 2008, directed the students to pay the full fee as decided by the Committee. The aggregate fees of Rs. 7,63,75,144/- being the difference between the fee fixed by the Committee, Rs. 2,75,000 and Rs. 1,80,000/- as specified in the High Court's order i.e. Rs. 95,000/- per student for the years 2008-09 and 2009-10 has been deposited with the Registrar, Gujarat High Court. The said amount has been included in "Deposit, Advances and Receivable" shown in the Balance Sheet. Necessary adjustments for Fees will be made based on the final outcome of the order.

5. The liability of Rs. 2,37,10,976/- on account of arrears of salaries as on 31st March, 2010, has not been provided in the books of accounts.
6. The Mandal was exempted from the registration as a 'Dealer' under the Gujarat Sales Tax Act, 1969. From the year 2006-07, the Gujarat Value Added Tax Act, 2003, (GVAT Act) in place of the Gujarat Sales Tax Act, 1969 has come into force. In response to the Mandal's application seeking determination of liability for registration under the GVAT Act, the Gujarat Value Added Tax Tribunal, Ahmedabad, vide its order dated 16th June, 2009, confirmed the determination order dated 27th October, 2008 passed by the Joint Commissioner, Commercial Tax, Gujarat State, Ahmedabad, holding the Mandal as a 'dealer' within the meaning of section 2(10) of the GVAT Act. This matter has been contested by the Mandal in the Gujarat High Court. The Gujarat High Court has granted interim relief for payment of VAT during pendency of the appeal. The liability, if any, of VAT on medicines for the years 2006-07 to 2009-10 will be determined on the final outcome of the matter.

7. Contingent Liabilities not provided for in respect of :	2009-10 Rs	2008-2009 Rs.
i) Claim against Mandal by the District Collector, Anand, towards premium demand for Land and pending with State Government.	4,77,450	4, 77,450
ii) Claim against Mandal by Madhya Gujarat Vij Co. towards the electricity charges due to new tariff and pending wit Gujarat High Court.	24,22,954 (including Rs.6,05,739 paid under protest)	24,22,954 (including Rs.6,05,739 paid under protest)
iii) Guarantees given by a Bank to the Medical Council of India, New Delhi, for undertaking various PG courses.	15,00,000 (against pledgement of FDRs amounting to Rs. 32.07 lakhs)	2,55,00,000 (against pledge- ment of FDRs amounting to Rs.60.03 lakhs)
iv) Claims against the Mandal lodged by some employees and workers of Contractors not acknowledged as debt and pending with different Authorities.	Amount unascertainable	
v) Claims against the Mandal towards compensation under Motor accident by legal heirs of persons who died in a motor accident and pending with the Motor Accident Claim Tribunal.	Amount unascertainable	
vi) Claim against the Mandal towards affiliation fees for PG courses by the S.P.University and pending with Gujarat High Court	86,97,500 (including Rs.10 lakhs paid under protest)	86,97,500 (including Rs.10 lakhs paid under protest)
8. Balances in the accounts of sundry debtors, advances and creditors are subject to confirmation by the parties. Necessary adjustments, if any, will be made when the accounts are reconciled / settled.		
9. Mandal is granted registration under section 12 A(a) of the Income Tax Act, 1961 and its income is exempt under section 11 of the Income Tax Act, 1961. It has also applied for grant of exemption under section 10(23c)(vi) and (via) of the Income Tax Act, 1961 and the same has been received for the years from 1998-99 to2000-01.It does not anticipate any tax liability.		
10. Figures for the previous year have been regrouped or rearranged, wherever required to make them comparable with those of the current year.		

On behalf of the Charutar Arogya Mandal

For C.C. Chokshi & Co.
Chartered Accountants

Sandeep Desai
Chief Executive Officer

Jagrut Bhatt
Hon. Secretary

Dr. Amrita Patel
Chairman

H P Shah
Partner, Ahmedabad
Date : 14.09.2010

M. H. Shah
General Manager (Accounts)
Vallabh Vidyanaagar
Date :13th September, 2010

J.M.Rawal
Trustee

B. Z. Patel
Trustee



Gratitude

- The people of Charutar who generously contributed in so many ways.
- The people of Karamsad and particularly the Karamsad Municipal Borough for their continuing support.
- The Tribhuvandas Foundation for their continued assistance.
- The Charutar Vidya Mandal and the Charotar Gramodhar Sahakari Mandal Ltd., for their help and support.
- The Kaira District Cooperative Milk Producers' Union for their support and help.
- The Vitthal Udyognagar Industries Association for their support.
- The Santram Mandir, Karamsad for providing free meals to relatives of patients coming from long distances.
- Sir Ratan Tata Trust, Mumbai and Sir Dorabji Tata Trust, Mumbai for their generous assistance to the Cancer Project and treatment of poor patients.
- Sir Jamshedji Tata Trust for their generous assistance to provide scholarships to meritorious, but economically challenged students for the MBBS courses.
- Elecon Group of Companies for their generous support in creating state-of-the-art Cardiac Centre.
- The Petlad Municipality for entrusting us with the responsibility of managing their centre at Petlad.
- Ardi Gram Panchayat for making available a community hall in their village for a Clinic.
- Public Training Research Centre at Khambhat, The Bhadran Arogya Trust, Mayank Jayant Foundation, Agas Health Centre, Petlad Nagarpalika Hospital and Ardi Rural Health Training Centre for making available their premises to run our Health Centres.
- The National Dairy Development Board for their assistance in many of our projects.
- The Government of Gujarat and the Sardar Patel University who have offered unstinted support.
- The honorary consultants and volunteers who have worked selflessly to provide the much needed support.
- The dedicated team of doctors and supporting staff who have worked to provide round-the-clock services.
- Numerous donors who have been so generous in supporting our projects and activities.
- The countless individuals and institutions who have supported the Charutar Arogya Mandal activities in so many ways and without whose help and encouragement the Charutar Arogya Mandal would not have been able to make the progress achieved during the year.

