Information Brochure
2021-2022

चाणतर विद्यामंडल - वल्लभ विद्यानगर
कर्मण्येवाधिकारस्ते



विठ्ठलभाई पटेल महाविद्यालय - वल्लभ विद्यानगर
कर्मण्येवाधिकारस्ते

VITTHALBHAI PATEL & RAJRATNA P. T. PATEL SCIENCE COLLEGE

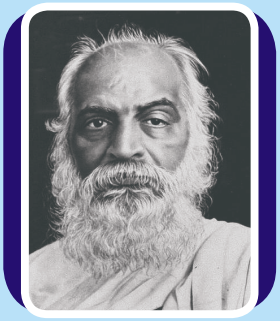
(A Constituent College of CVM University)
Vallabh Vidyanagar, Dist. Anand, Gujarat
A Premier Science College of Gujarat

ज्ञान - विज्ञान - प्रज्ञान
CVM UNIVERSITY

चारुतर विद्यामंडल - वल्लभ विद्यानगर

कर्मण्येवाधिकारस्ते

CVM VISIONARIES



Vir Vitthalbhai Z. Patel



Sardar Vallabhbhai Patel



Shri Bhaikaka



Shri Bhikhabhai



Dr. H. M. Patel



Dr. C. L. Patel



Er. Prayasvinbhai Patel
President - CVM



Shri Manishbhai Patel
Vice President - CVM



Er. Bhikhubhai Patel
Chairman



Dr. S. G. Patel
Hon. Secretary



Shri R. C. Talati
Hon. Jt. Secretary



Shri Mehulbhai Patel
Hon. Jt. Secretary



Shri V. H. Patel
Hon. Jt. Secretary



Message

This information brochure is furnished with all the vital information regarding the academic programs offered by the College. This college a prominent presence in Gujarat. The well designed information brochure, covers every aspect of courses and infrastructure provided by the management, Besides showcasing the galaxy of learned teaching team, it will be of great help to the parents and their wards in taking an appropriate decision about the choice of the College for higher studies. I specifically urge the parents to study the information presented in this brochure and get convinced of what this college is capable of delivering to their wards. Good luck and blessings to all those who decide to be a part of this centre of great learning.

Er. Bhikhubhai Patel
Chairman
Charutar Vidya Mandal



Welcome

It gives me great pleasure to welcome you all to this college which is not only one of the oldest colleges of Gujarat but also the first college of this educational township, Vallabh Vidyanagar. This institution has the unique distinction of being among the few colleges of India to be recognized as a College with Potential for Excellence (CPE) by UGC. It is also among the few Grant-in- Aid colleges to be awarded A+ by AAA, KCG, Gandhinagar. The college holds 'A' grade awarded by NAAC.

As will be clear from the Information Brochure, this college offers undergraduate courses in Physics, Chemistry, Biology, Microbiology, Electronics, Industrial Chemistry, Mathematics, Statistics, Computer Science, Instrumentation, and BCA. I take pride in saying that ours is a dedicated team of highly qualified faculty. We also have a rich library and Wi-Fi Campus that aids learning. Apart from academic excellence, we also aim at holistic development of the students. We also have a counseling system where we guide the students in a friendly and firm way. We provide students enough opportunities to participate in various co & extracurricular activities that prepare them for life after college in academics, industry and other fields. We believe that the society has entrusted us with the responsibility of shaping the future professionals of the nation.

Wish you all the best and hope that you make the most of this opportunity to study in this institution of higher learning. We feel happy and proud that we will play a role in your academic growth and intellectual endeavours.

Dr. Bhavesh Patel
Principal


विठ्ठलभाई पटेल महाविद्यालय

V.P. & R.P.T.P. Science College - A Profile

Vitthalbhai Patel & Rajratna P T Patel Science College was founded in 1947. It is one of the oldest and premier science colleges of Gujarat. It is named after Vitthalbhai Patel, the eminent freedom fighter who became the first Indian President of the Central Legislative Assembly during the British regime. It was with this college that the educational process began in the newly founded Vallabh Vidyanagar, which later flowered into a unique township with institutions of education for all levels and branches from KG to PG. The college was inaugurated by Sardar Vallabhbhai Patel, the Iron man of India, and is named after his elder brother Vitthalbhai Patel.

VP & RPTP Science college is a constituent college of CVM University and is governed by Charutar Vidya Mandal (CVM), which is a leading educational society founded in 1945 in Gujarat State and was chaired for 35 years by the eminent administrator Dr. H. M. Patel, retired ICS and Ex-Finance Minister of the Union Government. Since 1994 CVM was headed by Dr C. L. Patel. Presently Er. Bhikhubhai B. Patel is heading the CVM. This college was started with combined disciplines of Arts and Science. Till 1959, the college was imparting undergraduate and post-graduate education as well as related research activities in the Science, Humanities and Social Sciences. Later, with the establishment of independent post-graduate departments and a separate Arts college, it became a college fully devoted to Science. During 1977, due to implementation of new (10+2+3) pattern of education, it shed preparatory classes and became a degree college. After this, with some transitional turmoil, it has been constantly progressing with manifold developments. Owing to its outstanding record and growth-oriented approach, the college has won the award of the best science college of Gujarat State thrice in succession. In 2010, the college was selected as College with Potential for Excellence by UGC and awarded a grant of one crore twenty five lakhs, (only seven colleges were selected from Gujarat & the only one in SPU). The status of CPE was renewed by UGC and a sum of Rs. 1.30 Cr. has been allocated to college for the period of 2014-2019. The college has been awarded 'A' Grade by NAAC, Bangalore and 'A+' Grade by KCG, Ahmedabad. National Institutional Ranking Framework (NIRF) of MHRD, Government of India, ranked V. P. Science college on 61 Position in India (2017), 11th among Science Colleges in India and 2nd in the State of Gujarat. V. P. Science College is the only college from Sardar Patel University ranked in top 100.

At present the college offers degree programmes in the following subjects:

(1) Physics (2) Chemistry (3) Mathematics (4) Botany (5) Zoology (6) Microbiology (7) Computer Science (8) Electronics (9) Industrial Chemistry (10) Statistics. Self financed courses are available in the subjects of (1) Industrial Chemistry (Vocational) (2) Bachelor of Computer Application (BCA).

Facilities for the doctoral studies (PhD) are available in the subjects of Chemistry, Microbiology, Industrial Chemistry, Biology English and Physics. The College has well-equipped laboratories and teaching learning is done effectively with the student teacher ratio of 25:1. BSc [Sem I & II] students are required to attend Language Laboratory, where they learn spoken English with the help of audio-visual aids. A well equipped Language Laboratory helps student to acquire good command over communication Skill in English. The college has a Digital English Laboratory where students are trained for SCOPE examinations. Mathematics and Statistics too have laboratory experiments prescribed in their curricula. The college library has its own infrastructure, a separate automated library with about 50,000 books and 42 periodicals. For the overall development of students, a special package of personality development programme is introduced by CVM for all BSc and BCA students.

The day at the college starts with a prayer. The college has its own counselling system which helps students to resolve their problems and which keeps an eye on their educational progress. In order to help out the academically weak students, a special provision of 'Bridge Course' and 'Remedial classes' is made every year. To increase computer literacy among students 'Learn Computer' programme is conducted every year. Internet facility is available to all students. To increase Internet access, the college offers Wi-Fi facility in the campus.

The student strength at the college has always been consistent. This is due to the quality teaching, discipline and the facilities available at the college. Every year, campus interviews are arranged at the college for interested. Many of our bright students have secured good placements at various industries, government and private organizations.

The total strength of the teaching faculty at the college is 47. Out of which 32 have Ph.D. degree. 6 have M. Phil degree. The faculties keep interacting and updating their knowledge in their respective field by attending national and international conferences and seminars. The college has a democratic structure and many healthy practices are in place. It constantly strives to achieve excellence in its academic pursuits. It has rich learning resources, the right kind of academic ambience and a whole hearted support from the Management.



Admission

Admission Forms

(1) For FY B.Sc. forms have to be filled up online / offline. College may help the student to fill the form. (Student may visit college website for details vpscience.org)

(2) Students desirous of seeking admission to this college in SY & TY B Sc should personally come to the college to fill up the specified form which can be obtained from the college office. After admission is granted, the fees has to be paid within the stipulated time limit.

Documents Required

Along with the duly filled application form, the following documents are to be submitted :

1. Original Marksheet of Std. 12th and two Photo-copies
2. One Photo-copy of School Leaving certificate (LC)
3. One Photo-copy of attempt certificate of Std. 12th
4. One Photo-copy of Std 10th Marksheet
5. If you belong to SC/ST /OBC/EWS/Minority category, one Photo-copy of Caste Certificate
6. Students who have passed from other than Gujarat H.Sc. Board will have to attach provisional eligibility certificate (PEC) which can be obtained from Sardar Patel University
7. Photo copy of Aadhar Card and a Passport size Photograph

8. In case of a break in studies, the candidate will have to present a Court Affidavit stating the reason for the same
9. Foreign students will have to produce a Police Clearance Certificate. Admission to such students will be routed through the International Students Centre of the University

General Instructions Regarding Admission

1. **Beware of admission agents for seeking admission. The college has not appointed any agent. Parents can contact the Principal directly or the Admission Committee members.**
2. The annual fees also includes Personality Development Programme charges, Internet Charges, Infrastructure and other facility charges.
3. As per the rules of the Govt. of Gujarat since 1985-86, all girl students are exempted from tuition fees.
4. If students from other than Gujarat HSC Board are not able to produce final eligibility certificate latest by the end of the first term, his/her term will not be granted and the fees paid will not be refunded.
5. The caution money can be refunded, before leaving the College. For this, a student has to submit a written application from 15th Aug. to 15th Oct. A student will have to present the original fee receipt and 'No Due' certificate of the College Library and NCC/NSS to claim caution money.
6. The college and hostel fees once paid will not be refunded under any circumstances. (UGC / State Govt. rules will be applicable)
7. Hostel facilities are available for those students who live more than 25 km away.

General Rules and Regulations of the College

1. The students are required to collect all the information prior to taking admission to a particular Programme.
2. For the students staying in college hostel, it is compulsory to take food in the hostel mess, (wherever it is available).
3. Ragging of students or any such kind of activity is strictly prohibited inside the college and hostel premises.
4. No Programmes can be arranged in the college except those permitted by the Management, University or Government.



5. The use of Mobile phones is strictly prohibited inside the college. The Charutar Vidya Mandal reserves the right to take action against any students violating this rule.
6. Student staying in hostel must inform the Hostel Rector about the personal vehicle he/she is in possession of.
7. Smoking, consumption of Alcohol, Pan Masala/Tobacco or chewing gum will be considered breach of discipline and liable for penalty.
8. Students must obey all the rules and regulations of the college, the Management and the University.
9. Student indulging in the activities that damage the college property will be punished severely and will be penalized.
10. Private tuitions are not allowed. To help out academically weak students, the college arranges remedial classes every year.
11. The behavior of the student with one and all should be courteous and polite. As per the rules and regulations of the college, the principal reserves the right to penalize or dismiss any student violating this code of conduct.
12. **Sick leave or other leave:** A certificate stating absence due to sickness, participation in Sports/NCC/NSS or co-curricular activities should be submitted to councilor teacher within two day of the recovery or completion of the event. The certificate submitted after the prescribed time limit will not be taken into consideration.
13. The students are required to attend all theory, practicals and tutorial classes. Those who wish to avail leave of absence due to unavoidable, compelling reasons should apply in a specified form to the Principal and obtain his prior permission before availing leave of absence. Defaulters will be strictly dealt with.
14. **Identity card :** All students admitted to this college will be issued identity cards. Every student has to wear his/her identity card and show it as and when asked by any authorized person. If a student is found without the identity card disciplinary action will be taken against him/her.
15. All legal matters are subject to Anand Jurisdiction.

Scholarship

Scholarships are awarded to deserving students of SC/ST/OBC and economically backward students as per rules. The Information for such Schemes will be displayed on the college notice board.

Assessment (Internal and External)

The university has a system of 30% Internal and 70 % External evaluation. The College conducts one internal examination at the end of semester and few other evaluation modules are in place for internal evaluation.

In internal assessment, the students will have to score 25% marks in each of the Courses and 40% aggregate. In external assessment, the student will have to score 40% marks in each Course. Overall, the aggregate of the internal and external for particular course should be 40% marks. If a student could not appear in any of the internal tests on medical grounds or any other valid reason, he/she can appear in Arrear Test, for which prior permission is required.

Students found copying or carrying unauthorized material, aiding and using unfair means in the examination hall will be punished as per the rules of the college & CVM University.

Guidelines for appearing in the University Examination

The acceptance of examination form of the students for the relevant examination does not automatically make him/her eligible to appear at the examination.

1. **Theory Attendance :** As per University rules, 80% attendance is compulsory; Otherwise, the student will be detained and will not allowed to appear in University Examination.
2. **Practical :** Regular attendance in laboratory is essential. A student should produce his/her journal duly certified by the Head of the Department stating that he/she has satisfactorily completed the laboratory assignment. This certificate will be issued only on the basis of attendance and work done in the laboratory.
3. **Internal Marks :** The student is required to obtain minimum internal marks as prescribed by CVM University.

Students' Induction Programme for Newly Admitted Students









Co-curricular Activities

The college conducts various co-curricular and extracurricular activities round the year. Activities like lectures by the subject-experts, seminars, science exhibition, quiz contest, debate and elocution, excursion and study tour, Industrial visit, sports day, cultural activities, article writing competition for the college magazine are arranged for the overall development of students.

NCC/NSS/SPORTS

For all the students of BSc/BCA, it is mandatory to join either NCC, NSS or Sports as per Sardar Patel University norms.

National Service Scheme (NSS) :

Programme Officers : Dr. R.Z.Bhatti and Mr. A.K. Patel

This scheme is one of the best activities inspired by Mahatma Gandhi, the Father of the Nation. It is managed by UGC, under the banner of MHRD, New Delhi. NSS covers various fruitful, socially relevant activities through the devoted youth of college. It develops personality and character of the youth. The students get opportunities of participating in zone/state/national and international youth programmes. The NSS unit of the college organizes various activities throughout the year and a special camp once a year in a nearby village.

















NSS Activities

National Cadet Corps (NCC) :

NCC Officer : Major Dr. M. M. Morekar

Training in NCC instills qualities like nationalism, patriotism, discipline, team spirit, espri-de-corps, leadership and self confidence and promotes overall personality development. NCC gives a tremendous opportunity to one and all for their betterment, irrespective of caste, creed, religion or economic status. Based on the aims of NCC, the organization has laid down training syllabus for the period of two years for both Boys and Girls NCC Cadets.

The training provided in NCC can be broadly classified as under:

1. Institutional Training 2. Camps Training 3. Adventures Training and Sports 4. Social services and Community Development Activities 5. Youth Exchange Programme (YEP)

The training provides a platform for the overall development of the youth and they become trained and motivated citizens of India. At the end of training, they can appear for NCC 'B' and 'C' Certificate Examination which are very useful for the youth for their future prospects in defence services.

Participation in Thal Sainik Camp and Republic Day Camp provides exposure at National level. Whereas participation in Youth Exchange Programme provides exposure at International level. NCC cadets are also awarded various scholarships such as Best Cadet Scholarship, Chief Minister's Scholarship, Sahara Scholarship etc. In the recent past, a large number of NCC cadets of our college were selected for Thal Sainik Camp and a few for Republic Day Parade. A large number of NCC cadets of our college have been selected for the Indian Army and are presently working as officers and in other positions.










NCC Activities

Sports : ***PTI : Dr. J. K. Chauhan***



Sports and games are an essential component of students' college life and they help in the development of personality and character. Therefore, we encourage active participation of students in various sports activities conducted in the college and the university. Under a full time and dedicated Physical Training instructor, many Sports competitions of Table Tennis, Football, Basketball, Cricket, Chess, Kabbadi, Kho-Kho, Volleyball, Tennis, Badminton and Athletics are organized throughout the year.



The College organizes an Annual Sports Meet every year which includes all the Track and Field Events. These are apart from the Inter-Class Tournaments held in all the above mentioned events. Students are given training and equipment for practice. Students selected for Inter-Collegiate teams are also provided with sports kits.

Sports Activities















Internal Quality Assurance Cell (IQAC) Coordinator : Dr. N. B. Bhatt

Taking into account our infrastructure, academic, co-curricular, extracurricular activities and other all-round development, NAAC, an autonomous body of University Grants Commission again Re-accredited the college with a prestigious 'A ' Grade in 2020. Our college is permanently affiliated to Sardar Patel University and is recognized by UGC under 2(F) and 12(B). In pursuance of policy of NAAC, college has established an Internal Quality Assurance cell (IQAC) as a post accreditation quality sustenance activity.



IQAC Team

The basic role of IQAC is to develop a system for conscious, consistent and catalytic action to improve the administrative performance of the college. Also the basic purpose of the IQAC is to ensure continuous improvement in the entire operation at the institution. They also assures stakeholders namely, students, parents, teachers, staff, funding agencies and society in general - connected with the organization for the constant improvement.



Seminar Organized IQAC

Scope : Co-ordinator : Dr. C. R. Gurjar

Our college is fortunate to be a part of SCOPE (Society for Creation of Opportunities Through Proficiency in English). This is an initiative of the Government of Gujarat to impart English Language Skill through Digital Education and Learning Laboratories to college students of Gujarat to improve their employability. Students can enroll for A level and B Level courses and after passing the Examination conducted by SCOPE, get a certificate of proficiency from University of Cambridge. Students who are confident about their language skill can also just pay a nominal fee and appear for the SCOPE Examination which will be conducted at the College itself. The Government of Gujarat desires that all the students of the college must appear for SCOPE Examination.



English Lab

Students' Central Committee 2019-20



Saptdhara (Government of Gujarat Initiative)

Coordinator : Vice President, Student Central Committee

The 21st century is indeed an era of Knowledge. Human wisdom and knowledge have become transnational and is being transferred globally in an unprecedented way by dint of amazing process of science and technology. The world has become a 'Global Village'. Human mind is being explored and exploited to its fullest in the domains of knowledge and learning the world over. If India is going to be a global leader and a torch-bearer to the world in days to come, it is expected that every citizen of India is able to take initiatives on his own and is aptly equipped with knowledge of Science & Technology and rooted in the rich and noble values of our glorious cultural and historical heritage.

This global image of Gujarat follows our practices in science, technology, research, education, trade and commerce, proper administration and our traditions. In the light of this scenario the Higher Education of State emphasizes new policies and action plans to infuse and instill within the youth of Gujarat the spirit of global competition and to encourage them to display their talents to meet challenges of the newer changing order of the world. Under the auspices of Mission for Excellence, the colleges and universities across Gujarat have focussed various aspects of education, art and knowledge for the allround development of the youth. These areas of focus are divided into seven clubs (seven dhara, Saptadhara) known as club of activities :

(i) Knowledge Club (ii) Creative Expression Club (iii) Fine Arts Club (iv) Theatre Club (v) Music and Dance Club (vi) Yoga and Sports Club (vii) Community/Social Service Club.



Personality Development Programme & BISAG :

Coordinator : Dr. K. D. Patel

To mould students as independent thinkers and confident young men and women with sharp intellect, Charutar Vidya Mandal has made a special provision for 'Personality Development Programme' wherein the youth of the college are trained in soft skills by experts in the field.



Parents-Teachers Meeting

Counselling Cell :

Coordinator : Dr. C. R. Gurjar

All the students of first year are allotted Teacher - Counsellors on the very first day of the college. The counsellors monitor the students' attendance, work, and progress. The counsellors meet the students at least once a week at the allotted time. The counsellor is a link between the college, the students and the parents.

Anti-Ragging Cell : Coordinator : Dr. P. S. Vyas

Ragging is strictly prohibited in this institute. We also bring it to the notice of our students that in case of such incidents, strict action will be taken as per the provisions of Anti -Ragging Law, directions of the Supreme Court and the State Government. The matter generally is discussed during counselling sessions, Parents' Meeting and the orientation programme for students. The consequences of any such behaviour are brought to the notice of students as well as parents. It has been the policy of the management to eliminate any such behaviour and likewise instructions are given to all teaching and non teaching staff. In the known past we have not received any complaints from any of our students regarding ragging. No such case has ever been reported. However, we believe that prevention is better that cure and hence we take all adequate measures to prevent such behaviour.

As per the rules of UGC & State Government, every Student and his/her parents are required to sign an undertaking that they and their wards will nok indulge in Ragging.

Coaching for Entry in Services : Coordinator : Dr. A. R. Jivani

Success in any types of competitive examinations for Administrative posts conducted by UPSC, GPSC, banking etc is a tough task. It is important to set a goal in the initial years of graduation and start working accordingly. The preparation of such types of examinations will be faster if a group of students prepare together. This club is formed for the benefit of student of our college to make them aware about such types of examinations. Various activities like seminars, orientation programmes, quiz, essay writing competitions etc. are organized throughout the year to strengthen the ability of the aspiring students.

The club also invites successful candidates who passed such examinations to guide the students. The college has purchased a number of books for preparation of the same. The club also provides study material in soft format for the preparation of the examinations.









Activities of Coaching for Entry in Services

Training and Placement Cell : ***Coordinator : Dr. B. C. Dixit***

Training and Placement Cell of college is actively engaged in the training and placement of students who wish to join industries or any available job. Every year students of Chemistry and Ind. Chemistry and other branches get an opportunity to get recruited during the placement meets. The cell also organizes career counselling for Third year students regularly.

Redress of Grievances of Students : ***Coordinator : Dr. M. M. Morekar***
Internal Complaints Committee: ***Coordinator : Ms. S. K. Menon***

Both the above committees are constituted as per the directions of UGC. The objective of the Committees are to develop a responsive and accountable attitude among all the stakeholders. In order to maintain a harmonious educational atmosphere in the institute. the college has installed suggestion boxes for suggestions for receiving complaints and suggestions. The grievances with reference to students, faculties or administration are analyzed and corrective measures are taken, if needed.

Discipline Committee: ***Coordinator : Dr. B. N. Patel***

Discipline Committee plays a very crucial role for maintaining discipline in the college campus throughout the year. The committee plays a very important role during various events organized by various committees like Vir Vitthalbhai Memorial Lecture, Fresher's Party, Navratri Celebration, Annual Sports Day, Talent Day etc. for smooth the conductance of the function.

Equal Opportunity Cell : ***Coordinator : Dr. Vipul B. Kataria***

The objective of the cell is to create opportunity for a level playing field to students coming from socially backward groups and other under-represented groups. Keeping this objective in mind, the cell organizes various programmes that help to create awareness, provide auxiliary support, develop skill sets, increase employability that increases their confidence.









Activities of Placement Cell

Departmental Activities @ VPM









Physics Department






Chemistry Department






Maths Department

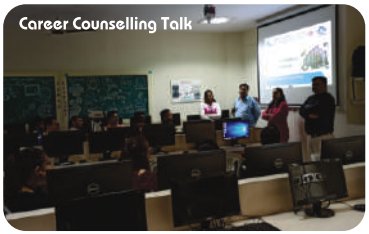
Departmental Activities @ VPM






Microbiology Department





BCA and CS Departments




Cyber Security Awareness Programme






Compu-Carnival - 2020

Departmental Activities @ VPM











Industrial Chemistry Department













Biology Department

Activities of the Clubs @ VPM













Fine Arts Club








Nature club






Literary Club

Activities of the Clubs @ VPM











Science Club











Science Carnival-2020

Activities of the Clubs @ VPM













Cultural Club








Debate Club







Anti-Ragging Cell

Activities @ VPM

















NAAC Peer Team Visit

Activities @ VPM






Achievement of the Staff



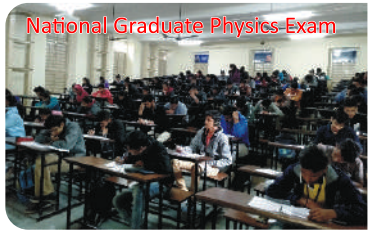



Add-On-Course

Entrepreneurship Development Programme







Equal Opportunity Cell

Organized State and National Level Competitive Exams






Library

Exit Meet

Facilities @ VPM



Library



Reading Hall at Library

Library : Librarian : *Dr. L. M. Katara*

The college has a separate building for library. The college library is a rich and well endowed one with a total 52856 books. It subscribes to 50 periodicals and magazines and 7 Newspapers. INFLIBNET facility is also available. Faculties, research scholars and student can access online 6 Lakhs e-books and 6000+ e-journals. It is fully computerized with INFLIBNET SOUL 2.0 software. All the books are circulated with bar code system. Due to this, the process of books circulation has become faster. Recently, we have installed RFID facility through which issue and return of books can be done by students themselves. For this the staff and students have been issued smart identity cards.

The library building has a large reading room with a seating capacity of 150 students. Ten Computers with internet connections have been installed in the reading room where students can also read general periodicals and magazines.

Apart from this, students can avail books from Bhaikaka library also by paying a membership fee. The college has a Book bank system. Under this scheme, the textbooks of various subjects are given to students throughout the year. There are many books for competitive exams such as IPS, IAS, Banking etc.



RFID Facility

Internet

'Think Globally, Act Locally' is the motto of Charutar Vidya Mandal. To provide global view and rich exposure, Internet facility is available in our computer labs and the campus has Wi-Fi Facility.

Hostel Facilities : ***Rector Boys Hostel : Mr. L. K. Chauhan, Rector Girls Hostel : Ms. M. H. Patel***

Information regarding Hostels of Charutar Vidya Mandal is as follows :

1. Each college is allotted a specific number of rooms in the Hostels.
2. Students admitted to hostels shall have to follow rules and regulations of CVM regarding their stay in hostels.
3. Students will have to stay in the hostels on-their own responsibility.
4. Each student shall have to produce physical fitness certificates from an authorized doctor.
5. The fees/charges once paid are non refundable.

Boys Hostel



Boys Hostel



Girls Hostel



Infrastructure @ VPM



BCA Lab



Biology Lab



Physics Lab



Chemistry Lab



Microbiology Lab



Mathematics Lab



Computer Lab



Electronics Lab



Fully Computerized Library



Internet Lab



Ladies Room



College Gym



College Canteen



Botanical Garden



Classroom with Multimedia Projector



Outdoor Games

Job Oriented B. Sc. Programmes (Vocational Courses)

INDUSTRIAL CHEMISTRY : ***Dr. P. M. Patel (HoD)***

This is a three year degree Programme. For the most part this course is general in nature. The Industrial Chemistry graduates can be absorbed in any Chemical Industry. The course covers almost all the aspects of a Chemical industry like production, quality control and effluent treatment or even in technical marketing of products. They can be employed in village industries based on agricultural raw materials or agro-based industries such as insecticides. They can also be employed by government in factory inspectorate, pollution control and by other such agencies.

After a BSc degree in Industrial Chemistry, students may opt for MSc degree Programme with various applied science subjects like Industrial Chemistry, Paint Technology, Oil Technology, Plastic Technology etc. including Pure Chemistry. Facilities for, such studies are available on the campus. Moreover, the Department of Industrial Chemistry is a recognized research centre offering PhD degree in Industrial Chemistry.

Eligibility Criteria : Any candidates who has passed HSC (Maths & Bio Group) with Science can apply





INDUSTRIAL CHEMISTRY LAB.

BACHELOR IN COMPUTER APPLICATIONS (BCA) : ***Mr. Ashish Joshi (HoD)***

BCA is catering to the needs of students aspiring to excel in the field of computers. In this programme, besides computer, students get diversified knowledge of Financial Accounting and Management, Production and Operations Management etc. The duration of the programme is three years. In the three years, each students is required to undertake an 'In-house' Project. This provides an opportunity to the students to tackle real life problems. The course provides a sound academic base from which an advanced career in Computer Application can be developed.

Future Prospectus :

Students have a bright future in the IT field. They could take up jobs as Programmers and software developers and go on to become project managers. These graduates can start their career as junior Programmers and get promoted to the posts of



BCA LAB.

senior Programmers & Project Managers in the IT sector. A post graduation in the relevant field is always preferred. A BCA student is allowed to take admission directly to second year MCA through lateral entry. They can pursue their career in banking, scientific organizations, academics, software industry etc.

Eligibility Criteria :

Any candidate who has passed HSC (12th standard in any stream) with (i) English and (ii) Mathematics or Computer science or Statistics, Mathematics & Statistics (combined) or computer Introduction (Arts), Computer (Arts PT) or Economics, Statistics or Economics Mathematics or any other computer related subject can apply for this course.

Add-on Certificate Courses : ***Coordinator : Dr. P. M. Patel (IC)***

In this competitive world it is not sufficient to have just a degree certificate to get a job. Industries are now looking for candidates who have additional knowledge and skills. Industries and firms these days are looking to employ qualified professionals with additional skills and knowledge. Keeping this in mind, the college has introduced fifteen Add-on Certificate Courses for the students which enhance employability of our students. All the courses are approved by Sardar Patel University. These course can be taken by any student at any time by simply registering their name with the course coordinator.

The courses offered are :

1. Software development
2. Computational Biology
3. Wild Life Conservation
4. Manufacturing of domestic items
5. Petroleum testing
6. Science & Spirituality
7. Elementary course in LaTex
8. Separation techniques: Chromatography
9. Certificate Course in Creative Art
10. Server side script using PHP
11. Creative art
12. Analytical Techniques : Soil Analysis
13. Web designing
14. Introduction to Intellectual Property Rights
15. Water analysis

Alumni Association

Secretary : Mr. Piyush Lashkari

Aims and Objectives : The aims and objectives of V. P. & R. P. T. P Alumni Association are

(1) To create a sense of devotion and love for the Alma Mater. (2) To act as connecting link between the past and present students of the college. (3) To prepare and maintain a data base of its members. (4) To render all necessary and possible help for the employment of its members. (5) To render all advisory help to its member in scientific matters. (6) To extend financial assistance to deserving present and past students for educational purpose. (7) To do all such things which will help to create a sense of comradeship and brotherhood among its members.





Membership : (1) The Principal, members of the staff of the college and the past students who have kept at least two terms in this college may become ordinary members of alumni association. (2) The co-opted members from outstanding personalities. The names be recommended by the managing committee in the general body meeting.

The Alumni association may have following classes of special membership:



Patrons : Any persons, not an ordinary member, donating Rs. 10,000/- or more may become Patron of this association.

Donor Members : (Between Rs. 5,000/- and 10,000/-)
(1) Life members (Rs. 2,500/-)
(2) Ordinary members (Rs. 500/-)

Subjective Course Structure

B Sc (Semester - I)

Type of Course	Course Code	Theory Or Practical	Credit	Class room /lab hrs per week	Exam Duration	Internal Marks*	External Marks*	Total Marks
Core 1	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 2	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 3	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Ability Enhancement	USO1AENG21	Practical	2	2 hrs	2 hrs	-	50	50
Skill Enhancement	US01SEVS21	Theory	2	2 hrs	2 hrs	15	35	50
	Total Credits		22					

Core Subjects for Mathematics Group : Physics, Chemistry and Mathematics

Core Subjects for Biology Group : Physics, Chemistry and Biology

B Sc (Semester - II)

Type of Course	Course code	Theory Or Practical	Credit	Class room /lab hrs per week	Exam Duration	Internal Marks*	External Marks*	Total Marks
Core 1	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 2	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 3	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Ability Enhancement	USO2AENG21	Practical	2	2 hrs	2 hrs	-	50	50
Skill Enhancement	US02SEVS21	Theory	2	2 hrs	2 hrs	15	35	50
	Total Credits		22					

Core Subjects for Mathematics Group : Physics, Chemistry and Mathematics

Core Subjects for Biology Group : Physics, Chemistry and Biology

B Sc (Semester - I) Industrial Chemistry (Vocational) (Self Financed)

Type of Course	Course Code	Theory Or Practical	Credit	Class room /lab hrs per week	Exam Duration	Internal Marks*	External Marks*	Total Marks
Core 1	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 2	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 3	USO1CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO1CXXX22	Practical	2	4 hrs	2 hrs		50	50
Ability Enhancement	USO1AENG21	Practical	2	2 hrs	2 hrs	-	50	50
Skill Enhancement	US01SEVS21	Theory	2	2 hrs	2 hrs	15	35	50
	Total Credits		22					

Core Subjects : Industrial Chemistry (Vocational), Chemistry, Physics

B Sc (Semester - II) Industrial Chemistry (Vocational) (Self Financed)

Type of Course	Course code	Theory Or Practical	Credit	Class room /lab hrs per week	Exam Duration	Internal Marks*	External Marks*	Total Marks
Core 1	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 2	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Core 3	USO2CXXX21	Theory	4	4 hrs	3 hrs	30	70	100
	USO2CXXX22	Practical	2	4 hrs	2 hrs		50	50
Ability Enhancement	USO2AENG21	Practical	2	2 hrs	2 hrs	-	50	50
Skill Enhancement	US02SEVS21	Theory	2	2 hrs	2 hrs	15	35	50
	Total Credits		22					

Core Subjects : Industrial Chemistry (Vocational), Chemistry, Physics

B Sc (Semester - III & IV)

Sr. No.	Core Course - 1 (12 Credits)	Core Course – 2 (12 Credits)	Ability Enhancement Compulsory Course (02 Credits)	Skill Enhancement Elective Course (02 Credit)
1	Physics	Mathematics	Functional English	Any one
2	Electronics	Electronics & Communication		
3	Chemistry	Physics		
4	Industrial Chemistry	Physics		
5	Computer Science	Mathematics		
6	Mathematics	Statistics		
7	Statistics	Mathematics		
8	Microbiology	Chemistry		
9	Botany	Zoology		
10	Zoology	Botany		
11	Industrial Chemistry [Vocational]	Physics		
12	Instrumentation [Vocational]	Electronics		

B Sc (Semester - III & IV) Details of Course Structure

Sr. No.	Course Type	Course Code	Theory/ Practical	Credit	Contact Hours per Week	Exam Duration	Internal Marks	External Marks	Total Marks
1	Ability Enhancement Course	US03AENG21	Theory	2	2	2 hrs	-	50	50
2	Core Course-1	US03CXXX21	Theory	4	4	3 hrs	30	70	100
		US03CXXX22	Theory	4	4	3 hrs	30	70	100
		US03CXXX23	Practical	4	8	6 hrs	-	100	100
3	Core Course-2	US03CXXX21	Theory	4	4	3 hrs	30	70	100
		US03CXXX22	Theory	4	4	3 hrs	30	70	100
		US03CXXX23	Practical	4	8	6 hrs	-	100	100
4	Skill Enhancement Elective Course	US03SXXXYY	Theory	2	2	2 hrs	-	50	50
		Total Credits		28					

BSc (Semester - V and VI)

Sr. No.	Theory or Practical	No. of Credits	Hours per Week
1	Four Theory Papers (Core Courses)	16	4 Papers x 4 hours = 16 hrs
2	One Theory Papers (Elective Course)	02	1 Paper x 2 hours = 02 hrs
3	One Practical Course	06	1 Paper x 12 hours = 12 hrs
	Total	24	30 hrs

BCA *(Semester – I)*

Type of Course	Course code	Course Title	T/ P	Credit	Class room/ lab hrs per week	Marks			
						External	Exam Duration	Internal	Total
Core – 1	US01CBCA21	Programming Fundamental Using C	T	4	4 hrs	70	3 hrs	30	100
	US01CBCA22	Programming Fundamental Using C Lab	P	2	4 hrs	50	2 hrs	-	50
Core – 2	US01CBCA23	Web Application Development - I	T	4	4 hrs	70	3 hrs	30	100
	US01CBCA24	Web Application Development - I Lab	P	2	4 hrs	50	2 hrs	-	50
Core – 3	US01CBCA25	Fundamental of Computer Organization	T	4	4 hrs	70	3 hrs	30	100
	US01CBCA26	Office Applications Lab	P	2	4 hrs	50	2 hrs	-	50
Ability Enhancement	US01ABCA21	Communication Skills in English-I	P	2	2 hrs	50	2 hrs	-	50
Skill Enhancement	US01SBCA21	Environmental Studies	T	2	2 hrs	35	2 hrs	15	50
	Total Credit			**22**					

BCA *(Semester – II)*

Type of Course	Course code	Course Title	T/ P	Credit	Class room/lab hrs per week	Marks			
						External	Exam Duration	Internal	Total
Core – 1	US02CBCA21	Advanced C Programming	T	4	4 hrs	70	3 hrs	30	100
	US02CBCA22	Advanced C Programming Lab	P	2	4 hrs	50	2 hrs	-	50
Core – 2	US02CBCA23	Web Application Development – II	T	4	4 hrs	70	3 hrs	30	100
	US02CBCA24	Web Application Development – II Lab	P	2	4 hrs	50	2 hrs	-	50
Core – 3	US02CBCA25	Database Management System - I	T	4	4 hrs	70	3 hrs	30	100
	US02CBCA26	Database Management System - I Lab	P	2	4 hrs	50	2 hrs	-	50
Ability Enhancement	US02ABCA21	Communication Skills in English - II	P	2	2 hrs	50	2 hrs	-	50
Skill Enhancement	US02SBCA21	Mathematics	T	2	2 hrs	35	2 hrs	15	50
	Total Credit			**22**					

BCA *(Semester – III)*

Type of Course	Course code	Course Title	Credit	Class room/lab hrs per week	Marks			
					External	Exam Duration	Internal	Total
Core 1– Paper – I	US03CBCA21 (T)	Database Management System – II	4	4 hrs	70	3 hrs	30	100
	US03CBCA22 (P)	Database Management System – II Lab	2	4 hrs	50	2 hrs	-	50
Core 2– Paper – II	US03CBCA23 (T)	Object Oriented Programming – I	4	4 hrs	70	3 hrs	30	100
	US03CBCA24 (P)	Object Oriented Programming – I Lab	2	4 hrs	50	2 hrs	-	50
Core 3 – Paper – I	US03CBCA25 (T)	Data Structures – I	4	4 hrs	70	3 hrs	30	100
	US03CBCA26 (P)	Data Structures – I Lab	2	4 hrs	50	2 hrs	-	50
Core 4– Paper – II	US03CBCA27 (T)	System Analysis and Design	4	4 hrs	70	3 hrs	30	100
	US03CBCA28 (P)	System Analysis and Design Lab	2	4 hrs	50	2 hrs	-	50
Ability Enhancement	US03ABCA21 (P)	Computer Oriented Numerical and Statistical Methods	2	4 hrs	50	2 hrs	-	50
Skill Enhancement (Any One)	US03SBCA23 (T)	E-Commerce	2	2 hrs	35	2 hrs	15	50
	Total Credits		**28**					

BCA *(Semester – IV)*

Type of Course	Course code	Course Title	Credit	Class room/lab hrs per week	Marks			
					External	Exam Duration	Internal	Total
Core 1– Paper – I	US04CBCA21 (T)	Visual Programming	4	4 hrs	70	3 hrs	30	100
	US04CBCA22 (P)	Visual Programming Lab	2	4 hrs	50	2 hrs	-	50
Core 2– Paper – II	US04CBCA23 (T)	Object Oriented Programming - II	4	4 hrs	70	3 hrs	30	100
	US04CBCA24 (P)	Object Oriented Programming - II Lab	2	4 hrs	50	2 hrs	-	50
Core 3 – Paper – I	US04CBCA25 (T)	Data Structures- II	4	4 hrs	70	3 hrs	30	100
	US04CBCA26 (P)	Data Structures- II Lab	2	4 hrs	50	2 hrs	-	50
Core 4– Paper – II	US04CBCA27 (T)	Operating Systems	4	4 hrs	70	3 hrs	30	100
	US04CBCA28 (P)	Operating Systems Lab	2	4 hrs	50	2 hrs	-	50
Ability Enhancement	US04ABCA21 (P)	Fundamentals of Operations Research	2	4 hrs	50	2 hrs	-	50
Skill Enhancement (Any One)	US04SBCA21 (T)	Multimedia Technology	2	2 hrs	35	2 hrs	15	50
	Total Credit		**28**					

BCA *(Semester - V & VI)*

Sem	Type of Course	Course code	Course Title	Theory/Practical	Credit	Total Credits
Sem - V	Core – 1	US05CBCA21	Advanced Web Development Technology	Theory	4	24
		US05CBCA22	Advanced Web Development Technology Lab	Practical	2	
	Core – 2	US05CBCA23	Software Engineering	Theory	4	
		US05CBCA24	Software Engineering Lab	Practical	2	
	Core – 3	US05CBCA25	Object Oriented Programming –III	Theory	4	
		US05CBCA26	Object Oriented Programming –III Lab	Practical	2	
		US05CBCA27	Project – I	Practical	2	
	Elective	US05DBCA21	Computer Graphics	Theory	4	
Sem - VI	Core – 1	US06CBCA21	Web Programming using PHP	Theory	4	24
		US06CBCA22	Web Programming using PHP Lab	Practical	2	
	Core – 2	US06CBCA23	Communication and Computer Networks	Theory	4	
		US06CBCA24	Communication and Computer Networks Lab	Practical	2	
	Core – 3	US06CBCA25	Current Trends in IT	Theory	4	
		US06CBCA26	Current Trends in IT Lab	Practical	2	
		US06CBCA27	Project – II	Practical	2	
	Elective	US06DBCA21	Python Programming	Theory	4	

VPM – Golden Jubilee Fund

Secretary : Mr. K. C. Raval

Every year the V. P. M. Golden Jubilee function is arranged on 27th, September. This is a special day for all of us as it is the birth anniversary of the late Vir Vitthalbhai Patel whose name is associated with the college. To commemorate this day, an eminent personality or a well-known academician is invited to deliver a lecture on the life of Vir Vitthalbhai Patel and other relevant subjects.

On this day, meritorious students are awarded prizes for their academic achievements from the VPM Golden Jubilee Fund.







Awards

The following prizes are given :

1. Gold-plated medals for the highest score in the subject of Mathematics, Chemistry, Physics, Botany, Zoology, Microbiology, Industrial Chemistry, Electronics and Computer Science.
2. Gold-plated medals for the highest score in self-financed courses like Industrial Chemistry, Instrumentation and BCA.

Awards for Extra-Curricular Activities

Every year, on the Annual Day, students are awarded trophies for their achievements in Curricular, Co-Curricular and extracurricular activities. The Golden Jubilee Fund is open to receiving donations to felicitate meritorious students.

73rd Annual Day @ VPM



















Our Learned Faculty Members



Dr. BHAVESH D. PATEL
MSc, PhD, MBA
Principal

PHYSICS DEPARTMENT


Dr. P.M.Patel (HoD)
MSc, MPhil,PhD


Dr. J. K. Baria
MSc, MPhil, PhD


Dr. A. R. Jivani
MSc, MPhil, PhD


Dr. T. H. Patel
MSc, PhD


Dr. P. S. Vyas
MSc, MPhil, PhD


Mr. L. K. Chauhan
MSc


Ms. J. N. Batra
MSc, MPhil

BOTANY & ZOOLOGY DEPARTMENT


Dr. J. P. Patel (HoD)
MSc, PhD


Ms. R. H. Solanki
MSc


Ms. M. K. Patel
MSc


Dr. N. H. Brahmbhatt
MSc, PhD


Dr. B. N. Patel
MSc, PhD


Dr. N. B. Bhatt
MSc, PhD


Dr. Rajiv Z. Bhatti
MSc, PhD

I C DEPARTMENT


Dr. P. M. Patel (HoD)
MSc, PhD

MATHEMATICS & STATISTICS DEPARTMENT


Mr. R. P. Solanki (HoD)
MSc, MPhil


Mr. H. B. Madhwani
MSc, MPhil


Dr. Dinesh Varma
MSc, PhD

ENGLISH DEPARTMENT


Dr. Charudutt R. Gurjar (HoD)
MA. PhD

ELECTRONICS DEPARTMENT


Mr. P. A. Lashkari (HoD)
MSc, MPhil


Mr. B. H. Laskhari
MSc, MPhil


Dr. M. Vinodkumar
MSc, MPhil, PhD


Mr. K. C. Raval
MSc


Dr. M. H. Patel
MSc, MPhil, PhD

COMPUTER SCIENCE & BCA DEPARTMENT


Mr. R. H. Sadhu (HoD-CS)
MSc, PGDCA


Mr. Ashish P. Joshi (HoD-BCA)
MCA


Dr. Navtej Bhatt
MCA, Ph.D.

MICROBIOLOGY DEPARTMENT


Ms. S. K. Menon (HoD)
MSc


Mr. A. A. Shukla
MSc


Mr. S. A. Shaikh
MSc


Ms. Vanita M. Patel
MSc

PTI


Dr. J. K. Chauhan
MPEd, MPhil, PhD

LIBRARIAN


Dr. L. M. Katara
MLib, PhD

CHEMISTRY DEPARTMENT


Dr. B. C. Dixit, (HoD)
MSc, PhD


Dr. H. R. Maradia
MSc, PhD


Dr. K. D. Patel
MSc, PhD


Dr. M. M. Morekar
MSc, PhD


Dr. M. K. Valand
MSc, PhD


Dr. G. M. Patel
MSc, PhD


Dr. R. H. Parab
MSc, PhD


Dr. T. K. Darji
MSc, PhD


Mr. A. K. Patel
MSc


Dr. V. B. Kataria
MSc, PhD


Dr. M. J. Patel
MSc, PhD


Dr. Yogesh Vadwala
MSc, PhD

ADMINISTRATIVE STAFF

OFFICE STAFF


Mr. V. K. Pijwala
Head Clerk


Mr. J. K. Parmar
Sr. Clerk


Mr. Aniruddh S. Patel
Jr. Clerk


Mr. Harshad Patel
Jr. Clerk, (Accounts) S.F.


Mr. K. R. Patel
Jr. Clerk, S. F.


Mr. R. V. Patel
Jr. Clerk, S. F.


Mr. T. J. Patel
Jr. Clerk, Ad-hoc


Mr. N. G. Patel
Jr. Clerk, Ad-hoc

LABORATORY ASSISTANT


Mr. R. P. Barot
Chemistry


Mr. P. K. Panchal
Physics


Ms. S. B. Gilder
Electronics


Mr. R. J. Patel
Biology


Mr. P. B. Bhoi
Plant Collector


Ms. Jalpaben J. Patel
Lab. Assistant


Mr. Ketan Patel
Storekeeper Chemistry


Mr. Hitesh Ramrakhiani
Comp. Programmer

PRINCIPAL WITH CLASS IV EMPLOYEES



About Vallabh Vidyanagar

Culture

The town is a synthesis of varied cultures, which enabled it to evolve and expand the quality life, as well as to foster an environment of creativity amongst the students citizens. Those who stay here always cherish the golden moments of life in the campus. Today, the town has grown in strength and consolidated itself to take on the challenges of the emerging future. Vidyanagar has a Pan-India Culture. One is sure to find the different ways of cultural exchanges among the students and faculties.

Life

The life at Vidyanagar is all about discovering one's self. To be a part of the life that will offer a lot one should be ready to take up the challenges. Academics is at its best, fun and frolics do compete with it. Days are hectic with studies while evenings are fun with places filling the air with discussions about the day's happening and eating out at almost all the places that glitter with neon lights. Students, Men and Women of all ages strolling around the Shastri Maidan is an endearing sight.

Environment

When one enters Vidyanagar, the lush greenery, which is a sure means of breathing fresh air in all seasons, catches the eyes of the naturalist. Its lush green trees of different types and kinds have not only made the town environment-friendly, but also have created a serene and ever-enjoyable tranquil atmosphere generating synergistic ecstasy in the campus. The campuses are surrounded with trees of various kinds. Vallabh Vidyanagar is blessed with the splendor of nature. The pollution-free environ, attracts many to make the town their permanent home, add value to the academic life in the campus.



Amenities

Vallabh Vidyanagar has all the amenities which any major metropolis can offer; rather it has the best of both the worlds - glamour of a big city and simplicity of a small town. Apart from the academic aspect, Vallabh Vidyanagar has a unique chain of food courts, almost all nationalized and non-nationalized banks and accommodation facilities up to five star levels.

Location

Vallabh Vidyanagar embraces a rarity of raison dore behind its original and a variety of education with its development and growth. Strategically located between Ahmedabad and Vadodara, Vallabh Vidyanagar today has reckoned to be an Active Educational core in the western constituent of India & just thirty six kilometers from airport at Vadodara. If one chooses to travel by road, National Highway 8 can be used - it takes less than an hour to reach Vallabh Vidyanagar from Vadodara.

Path Traversed

Vallabh Vidyanagar which has a short past but a long history, is a living memorial of Sardar Patel, one of the greatest visionaries of India. He dreamt of a modern and prosperous Independent India in terms of regeneration of villages through (1) the education, (2) advanced agriculture and (3) cooperative ventures. We are indeed very fortunate that we have here all the three : Vallabh Vidyanagar is the realization of his first dream; institute of Agriculture at Anand (now Anand Agriculture University) is the fruition of the second and Amul Dairy, the cradle of cooperative dairying, is the fulfillment of the third.

BHAIKAKA & BHIKAHBHAI : THE CREATOR DUO

The genesis and phenomenal growth and development of Vallabh Vidyanagar, the well-planned and unique educational township situated in the heart of the Gujarat State, is stranger than fiction. Based on local talent and local resources it is a peerless example of self–reliance and dedication. While working in Sindh (now in Pakistan) as Superintending Engineer in Sukkur Barrage, Yevala in Maharashtra and Ahmedabad Municipality, as a distinguished Chief Engineer, Shree Bhailalbhai Dahyabhai Patel, later warmly taken to their heart by the people of Gujarat as 'Bhaikaka', had earned reputation for his sense of values, discipline, dedication to duty and absolute integrity. Having been born and brought up in a family of strained financial resources in Sojitra village in Kheda district he had known what is meant to be poor. He dedicated himself to the cause of rural India which was sunk in inertia, squalor and object poverty. Once during a meeting between him





and Sardar Vallabhbhai Patel, who knew Bhaikaka as a man of practical bent of mind, unusual ability and character, Sardar advised him to go to the villages and work for their regeneration. Sardar's wish was tantamount to a command to him. Bhaikaka's irresistible desire to improve the lot of the poor villagers coupled with Sardar's advice or command impelled him to take early retirement from the service. He saw that the most potent instrument to improve the subhuman life of villagers was to bring higher learning to their very doorstep and thus the concept of establishing institution of higher education started taking shape. He got in touch with Shri Bhikhabhai Kuberbhai Patel, a dedicated and farsighted educationist, fired by the same idea. He had played a pivotal role in the establishment of Charotar Education Society in Anand and Narmada Kelavani Mandal at Shukalteerth.

Torrential Rain of Land

They held several meetings in different parts of Kheda (then Kaira) district and a couple of them of about five hundred person interested in higher education in Anand town. On March 28, 1945 it was decided to draw and implement the plan of planting an educational township in a wilder ness infested with dacoits which later came to be known as Vallabh Vidyanagar. Bhaikaka and Bhikhabhai worked out and ingenious scheme based on enlightened self-interest. They persuaded the farmers to donate their land free of cost, saying. "Donate your land to us now; we'll develop and use two-thirds and return you the remaining one-third in course of time'. It was explained to them that while having the pleasure of assisting in the establishment of an educational township at no cost to themselves the building plots they would each obtain would appreciate sufficiently not only to cover the value of the land donated, but also leave a handsome margin of profit. It was a win-win situation and the response to it was overwhelming. At a meeting in Bakrol, a village at a hailing distance from today's Vallabh Vidyanagar, spontaneous offer of land was made to Bhaikaka and Bhikhabhai. A map of the Village was spread before the duo and they were asked to mark with a pencil the area needed. Residents of Anand and Karamsad (Sardar Patel's Village) followed suit. Thus a 555 acres of land at the intersection of Bakrol, Karamsad and Anand was received in donation. It was a torrential rain of land !

Exemplary Self-reliance

The founders decided to establish two institutions - Charutar Vidya Mandal and Charotar Gramoddhar Sahakari Mandal. The former was to be devoted to the cause of education, that is, establishing colleges and schools and the later meant to produce the building materials for educational institutional and residential quarters. They were registered on August 10, 1945 and September 7, 1945, respectively. Bhaikaka and Bhikhabhai came to reside in the wildness in a improvised residence - a hut measuring 8 ft and 10 ft on March 3, 1946. They chose a mango tree and installed themselves under it, in the divine presence of Lord Bhrahma, the Super Creator, dreaming, planning, breaking a new ground, organizing, getting things done and resolving snarls to plant a city of education far from the maddening hustle and bustle of cities. It merits a special mention here that Bhaikaka, the patriarch of Mango Tree, as he was then called, despised the idea of copying or borrowing know-how and do-how from anywhere. His indomitable faith in the local human material, though inexperienced, propelled him to bake bricks for the buildings locally. He established building material units-workshop and foundry, cement pipe factory to produce, in addition to bricks, lime, timber doors and windows, flooring tiles, hume pipes and various concrete products. The market and in addition, provide employment to the local people. It is difficult to resist the temptation of recalling here that Bhaikaka invited a Harijan to inaugurate the brick-kiln, a Muslim mechanic to lay the foundation of the workshop and foundry and a Brahmin to lay the first brick of the V. P. Science College. A printing press named as Gramoddhar Printing Press for printing handbills, booklets, books, research journal and question paper was also set up. Bhaikaka, the man with green thumb, planted a thousand trees. It is to him that we own the lush green, stately, shady trees all along the roads in Vallabh Vidyanagar.

First College Born

While many pessimists seriously doubted the success of the ambitious project of establishing an educational town with a view to bringing about regeneration of villages through modern education and employment and thereby arresting the exodus of promising youth from villages to cities, Sardar Patel, the unerring judge of men and women, not only whole heartedly blessed the great adventure but also expressed his tremendous faith in its success. Inspiration, encouragement and unbounded support of the mighty Sardar, blessing of Mahatma Gandhi and extraordinary hard work of the founders ushered into existence Vitthalbhai Patel Mahavidyalaya in June 1947. The birth of the first college, like the birth of the first child, was hailed with a fanfare of trumpets! B.A. and B.Sc. classes commenced between towering walls sans any roof. It is something to write home about those teachers and students carried with cheer bricks and mortar cheer the conclusion of their classes and sweated along with the skilled and semi-skilled construction workers!

Justice M.C.Chagla, Vice-Chancellor. University of Bombay, during his visit to Vallabh Vidyanagar in 1947, was all praise for it when he said, "I came here... and found a new magic. Dreams have come to reality. As the Vice-Chancellor, I am proud that such an ideal college is affiliated to the University of Bombay. I see the seeds of real educational revolution being sown in this soil..."

While performing the opening ceremony of the College, Sardar Patel complimented Bhaikaka, the great public servant, for his tireless efforts and appealed to the public to five him their unflinching support and pray for the realization of his dream of an ideal seat of learning. Jawaharlal Nehru, who laid the foundation stone of Vallabh Vidyanagar observed "... the first thing I have liked is that the activities here have the object of serving village people. The other thing I have liked is that you do not care whether your house is ready or not.. You know how to start putting it to use and start your activities. Here we find harmony of principle and practice. This institution by itself prepares its requirements. I earnestly hope that the example of this institution will not only be followed in this province but throughout the country..."

It is noteworthy that many reputed men of letters from all over the country joined the Vitthalbhai Patel Mahavidyalaya as teachers in response to the appeal of the founders who ensured that the quality of education imparted was first-rate. In order that new teachers too equip their students with the latest advances in their respective disciplines. They sent nearly a dozen teachers to U.K., U.S.A. and Germany for receiving advanced training in research.





Many citizens of Anand and nearby places volunteered generous help in running the college and in the development of the matchless educational township. In the face of a swarm of problems, mostly financial, they stood by the great visionaries and helped them surmount these boldly and imaginatively. Sir, C. V. Raman and Lady Raman grace the first Annual Day celebration of the college.

Birth of Colleges of Engineering and Commerce

Within a short span of five years there came into existence two colleges, one of engineering and the other of commerce. Birla Education Trust made a munificent donation of twenty five lacks of rupees (in those day!) for the engineering college which was named Birla Vishwakarma Mahavidyalaya (Engineering College, 1948) when he said : "...This concept of Sardar Patel's is therefore all important in modern India, and as an experiment in village reconstruction. I hope that we shall see its application in other parts of the country. The two societies (Charutar Vidya Mandal and Charotar Gramoddhar Sahkari Mandal) which are carrying out the work seem to me to be admirably suited for the purpose. On the one hand you have one society dealing with the uplift work in the villages, covering sanitation, water supply, drainage, housing and cottage industries, while on the other hand you have the other society carrying out educational activities. It is clear from what Mr. Patel (Bhaikaka) said in his speech that from the start the organizers have kept before them the project of a residential university, and I am glad to see that the educational areas of the township have been planned accordingly... It is a real pleasure to me to be here this afternoon and to perform this ceremony, the last of its kind which it will be my pleasure to perform in India as Governor- General."

The engineering college was the first one started by a private trust in the entire Bombay State, which extended from Karachi to Dharvad, and the first one in Gujarat State. The commerce college, foundation stone of which was laid by Dr. Rajendra Prasad was named Bhikhabhai Jivabhai Vaniya Mahavidyalaya (1950). Visits of several very important person one after boundless courage, selflessness of the high opinion of the boundless courage, selflessness and practical idealism of the founders and their them of dedicated colleagues shot Vallabh staying in British East Africa by the vision and mission of the founders that they donated ten Lacks of rupees in the year 1951 for the development of the Oxbridge of India. And the growth and development continued to take place by leaps and bounds. A hostel for women students, a number of hostels for men students, buildings for housing primary and secondary schools, residential quarters for teachers and other functionaries of educational institutions, tenements for labors working in building material factories were constructed from the donation that flowed in. Establishment of



Establishment of Gram Panchayat (1954) and start of National Cadet Corps Station Command (1954) and Vallabh Vidyanagar railway station (1957) added new dimensions to the prolific development of Vallabh Vidyanagar. And all this within a short span of only eight years!

Birth of Sardar Patel University

It was Vallabh Vidyanagar's crowning glory when within ten years of its foundation it become a university township in October 1955. The university was named Sardar Vallabhbhai Vidyapeeth and Pujya Bhaikaka was appropriately appointed its first Vice-Chancellor on December 19, 1955. The academic community of Gujarat hailed the appointment. Most of the college teachers, who were sent abroad to receive research degrees and had been teaching post-graduate classes since 1948, were appointed to the university's post-graduate departments. Several other were appointed through advertisement in all-India newspapers. Bhaikaka created facilities for research and encouraged participation in academic conferences, seminars and workshop in spite of the fact that in the initial years the Government did not give any financial help whatsoever to the university! So keen was his interest in research that the Charutar Vidya Mandal published in 1957 Vallabh Vidyanagar Research Bulletin-a biannual. A great tragedy be fell Vallabh Vidyanagar when Shri Bhikhabhai Kuberbhai Patel, who had drafted the constitution of the university and helped its birth, passed away in 1956. It was a tremendous loss to Bhaikaka and to the numerous pupils of Shri Bhikhabhai. Out of the sixty six years that he lived Bhikhabhai, reverentially called 'Saheb' devoted forty two to education. Even now, after more than half a century of his departure, his former pupils, all over the world, remember him and deem themselves blessed to have been groomed by him. By establishing Bhailalbhai & Bhikhabhai Polytechnic (B & B institute of Technology) in 1958 Charutar Vidya Mandal paid tribute to its cofounder in a befitting manner. The founding of Bhikhabhai Saheb PTC College in 2004 bears testimony to the mandal's renewed expression of gratitude this great educationist. On the conclusion of his three-year term as the Vice Chancellor in December, 1958 Bhaikaka entered active politics, for he felt that educated, honest and good people must take part in politics if they want to stamp out corruption, ensure rule of law and democracy to flourish. He severed his direct responsibility for the Charutar Vidya Mandal and invited Shri H. M. Patel, an ICS officer of great repute, who had provided strategic guidance during the Partition of India, to nurture it as the Chairman. But he continued to evinced keen interest in the progress of Vallabh Vidyanagar and to make himself available for advice and guidance till his sad demise on March 31, 1970. Vallabh Vidyanagar felt orphaned. He was cremated at the spot where he and Bhikhabhai had lived in hut, now a place of pilgrimage.

Special Convocation Honors Bhaikaka

It was a memorable event when Sardar Vallabhbhai Vidyapeeth held a special convocation on November 12, 1959 to confer upon Bhaikaka honorary degree of Doctor of Science as an expression of gratitude for its creator. Dr. S. Radhakrishnan delivered the convocation address.

H. M. PATEL & PROLIFIC DEVELOPMENT

Shri H.M.Patel, a civil servant of distinction, had served the country as Cabinet Secretary, Partition Secretary, Defence Secretary, Food and Agriculture Secretary and Principal Finance Secretary. The thirty-five years between 1958 and 1993, during which he served the Charutar Vidya Mandal as Bhaikaka's successor, were the years when Vallabh Vidyanagar grew and developed at an incredibly fast pace under his visionary stewardship.

New Colleges Born

He established a polytechnic for awarding diploma in Civil, Mechanical and Electrical engineering and named it Bhailalbhai Bhikhabhai Polytechnic (1958), Nalini And Arvind Arts College (1959), Kala Kendra College of Fine Arts (1964), now named Rama Manubhai Desai College of Music & Dance, Rajratna P. T Patel Science College (1962), New Arts College (later named as TV Patel Arts College (1964), H. M. Patel Institute of English Training & Research (1965), S. M. Patel College of Home Science (1971), College of Architecture (1980), A. R. Pharmacy college (1981),

I. E. Patel English Teaching School (1970), CVM Higher Secondary Complex Science higher secondary Stream (1978) and H. M. Patel Career Development Centre (1992) etc. It is heartening to note that Nalini and Arvind Arts College, Vitthalbhai Patel Mahavidyalaya (Science College), Bhikhabhai Jivabhai Vaniya Mahavidyalaya and H M Patel Institute of English were recipients of Best College award of Gujarat. The award, instituted by the Government of Gujarat, carried fifty thousand rupees in cash Vitthalbhai Patel Mahavidyalaya bagged the award thrice in succession!

Institute of English

Author of books in English and Gujarati, such as the First Flush of Freedom, Rites of Passage and HMno Akshardeh, a translator and an orator, Shri H M Patel was deeply concerned about the declining standards of English teaching in Gujarat. He held that English is the languages of wider communication in today's world. He envisioned the establishment of an institution to train teachers of English and gave shape to his vision. He donated the purse presented to him by his admirers on his 60th birthday and the H. M. Patel institute of English Training & Research came into existence in 1965. The institute has planned new and uncommon programmes and added different dimensions to the educational scene. It is heartening that the institute has received the UGC award as a College with Potential for Excellence (CPE).

Spacious building for housing the new colleges and schools were constructed and administrative buildings, library halls, new wings, workshops, computer laboratories and floors were added to the institutions in order to meet the requirements of the growing number of students. Not only this, a number of hostels New hostel Block A, B and C, Bhaikaka Hostel and Ranak Hostel for Girls etc. were constructed to accommodate them. Numerous houses for teaching and non-teaching staff were also built. Shri H. M. Patel always accorded importance to co-curricular and extracurricular activities like seminars, discussion groups, games and sports and cultural activities as means of development of personality. With a view to honouring the memory of those who contributed to the birth and growth of Vallabh Vidyanangar and providing opportunity to the students and teachers to broaden their mental horizon, he initiated Sardar Patel Memorial Lecture Series in the Sardar Patel University and Bhaikaka Memorial Lecture series and Ishwar Petlikar Lecture Series in the Charutar Vidya Mandal. He created Infrastructural facilities like the badminton hall, basketball courts and cricket ground etc. in and near Shastri Maidan.

Agro-Economics Centre & SPRERI

With a view to promoting rural development he persuaded the Ministry of Agriculture and Irrigation, Government of India, to establish Agro-Economics Research Center for Gujarat and Rajasthan here at Vallabh Vidyanangar. Ever since the inception of the center in 1961 he nurtured it with great care and foresight. The Sardar Patel Renewable Energy Research Institute (earlier Jyoti Solar Energy Institute) owes its existence to Shri H. M. Patel. The Institute is doing laudable work in evolving a local rural-based integrated system of energy in which solar energy, biogas and wind energy could be used in the rural areas in an environmentally clean way.

Vitthal Udyognagar & Medical Campus

Shri H. M. Patel. Like Bhaikaka, maintained that one of the aims of founding Vallabh Vidyanagar is making the local youth more employable it was desirable to provide suitable employment to those who received education here so that their city ward drift could be arrested. Therefore, he conceived the project of establishing an industrial town in the vicinity of Vallabh Vidyanagar and named it after another illustrious son of Charotar area, Vitthalbhai Patel elder brother of Sardar Vallabhbhai Patel. Thus was born Vitthal Udyognagar, spreading over five hundred and fifty acres of land with a total of four hundred and fifty units, twelve big and the rest medium and small. Shri H. M. Patel worked relentlessly for providing the latest healthcare facilities to the rural masses and took up, when he was close to seventy five year of age, the ambitious project of establishing a will-equipped Hospital and Medical College in the rural surrounding near Karamsad (Sardar Vallabhbhai Patel's Village). The unique Hospital and Medical College Complex, managed by the Charutar Aarogya Mandal, of which too he was the

Chairman, consists of Shree Krishna Hospital and Medical Research Centre, Pramukh Swami Medical College. H. M. Patel Institute of Medical Laboratory Technology. Khushalbhai M. Patel Institute of Physiotherapy, Shri A. D. Gorwala Blood Bank and Manibhai Shivabhai Cancer Center.

Honours Bestowed

In recognition of his great service to Charutar Vidya Mandal and through it the Sardar Patel University, in the development of which he had played a prominent role, the university conferred upon him honorary degree of Doctor of Letters. He also received Albert Schweitzer Award of Animal Welfare institute of USA for championing the cause of a forestation and conservation of wild life and Nargis Dutt Award (posthumously), for his production of the feature depiction of some aspects of Sardar's stellar contribution to India after Independence.

Like Bhaikaka, he too entered politics with a view to rooting out corruption and lawlessness and strengthening democracy. Even as Cabinet Minister in the Central Government, he kept constant touch with his institution in Vallabh Vidyanagar. Despite the heavy responsibilities with which he was saddled he would come down here at least once a month and arrange meeting with the Principals of Colleges and schools and preside over functions.

Shri H. M. Patel passed away on November 30, 1993, creating a deep void in the academic life of Vallabh Vidyanagar. A pall of gloom descended on Vallabh Vidyanagar where he had devoted himself to the building and nurturing of institutions to serve the common man.

C. L. PATEL & BIRTH OF NEW VALLABH VIDYANAGAR

Dr. Chhotubhai L. Patel, former executive Engineer in Gujarat Electricity Board, succeeded Shri H. M. Patel as the Chairman of the Charutar Vidya Mandal on April 9, 1994. Endowed with rich practical sense, sound realism and solid and unshakable endurance he is the true and worthy successor of Shri Bhaikaka, Shri Bhikhabhai Patel and Shri H. M. Patel: Shri Bhaikaka and Shri Bhikhabhai created Vallabh Vidyanagar, Shri H.M. Patel created Vitthal Udyognagar and Arogyanagar near Karamsad and Dr. C. L. Patel is the creator of New Vallabh Vidyanagar, lushgreen mushrooming satellite township, over one hundred acre of land near Karamsad, Mogri and Gana. It has, besides educational institutions, like colleges of Engineering and Technology Pharmacy and Ayurveda, Ayurvedic hospital, Industrial Training Center, staff quarters, shopping center, playgrounds and auditorium. Steps are afoot to extend the area to four hundred acres.





More Colleges & Research Center

Dr. C. L. Patel, the man with Midas touch, set up several self-financed colleges: Natubhai V. Patel College of Pure and Applied Sciences (1996), G. H. Patel College of Engineering and Technology (GCET) 1996, Sardar Gunj Mecantile Cooperative Bank Ltd. – English Medium College of Commerce and Management (SEMCOM) 1997 and Institute of Science & Technology for Advanced Studies & Research (ISTAR) 1999. ISTAR is a postgraduate learning center with eight programmes in science, eight in engineering, six in pharmacy and four multidisciplinary programmes. He also established Sophisticated Instrumentation Center for Applied Research & Testing (SICART) in 1999, a national – level center with unique testing facility with ultra sophisticated instruments A. D. Patel Institute of Technology (2000), S. S. Patel College of Physical Education (2002), an Industrial Training Centre, C. Z. Patel College of Business & Management (2003), Indukaka Ipcowala College of Pharmacy (2003), Waymade College of Education and Bhikhabhai Saheb PTC College (both in 2004), Govindbhai Jorabhai Patel Institution of Ayurvedic study and Research and Suranben Govindbhai Patel Ayurveda Hospital and Maternity Home (2005) and Ashok & Rita Patel Institute of Integrated Study in Biotechnology & Allied Sciences (2005). He set up in 2008 Sumantbhai P. Patel Primary School (Gujarati-Medium) and Vasantiben and Chandubhai Patel English School (Central Board of Secondary Education) and in 2009 CVM Institute for Degree Course in Pharmacy (CDCP), which is renamed as Shantaben Manubhai Patel Institute of Studies and Research in Pharmacy (SMIP) Central for Studies & Research on Life & Work of Sardar Vallabhbhai Patel (CERLIP), Institute of Computer & Communication Technology for Women (ICCT), now called Madhuben and Bhanubhai Patel Women Institute of Engineering for Studies and Research in Computer and Communication Technology (MBICT), Institute of Language of Human Resource Development. It always pained Dr. C. L. Patel to see lamentable indifference of the youth in this part of the country to take competitive examinations for Central Services. Instead of complaining he established IAS Academy where ambitious young men and women undergo training to appear for competitive examinations.

Dr. C. L. Patel's thirst for establishing new institutes was unquenchable. After initiating R. N. Patel Ipcowala School of Law and Justice, he planned to have in near future National School of Law & Justice, National institute of Design, Polytechnic for Girls, institute of Defence Technology, Residential School–Primary & Secondary (Gujarati and English Medium), Renewable Energy Studies and Research Center, Research & Development Center for Ayurvedic Research and Center for Studies & Research in Management.





In order to keep pace with the fiercely competitive world by revitalization of the society through quality education the institutions established by Dr. C. L. Patel to impart education in Valuation (Plant & Machinery), first of its kind in the world, Industrial Polymers, Industrial Chemistry, Computer Science, Information Science, Biotechnology, Food Processing, Environmental Science, Instrumentation, Information Technology, Electronics and Communication and Mechaetronics etc. Postgraduate programme in E-commerce is one of the latest introduced under his dynamic stewardship.

Academic Collaboration with Foreign Universities

With a view to creating learning opportunities for students of SEMCOM and C Z Patel College of Business & Management at the global level he signed Memorandum of Understanding with Georgia South Western State University, Myres University, Cleveland, Malaspina University. University of Herfordshire and British Columbia University. He has also signed MoU with University of Cincinnati, USA, and Eastern Michigan University. USA, for exchange of faculty for Master of Industrial Hygiene & Safety and Master of Science in Paints & Varnishes

Programmes, run at ISTAR, Dr. C. L. Patel extensively renovated and refurbished the Ipcowala Santram College of Fine Arts and Rama Uanubhai Desai College of Music & Dance to accommodate the existing colleges of Fine Arts (Drawing, Painting. Sculpture and Commercial Art etc.) and Music & Dance.

He extended the buildings of H. M. Patel Institute of English and constructed separate library buildings for Vitthalbhai Patel Mahavidyalaya and Rajasthan P. T. Patel Science College, S. M. Patel College of Home Science, Birla Vishvakarma Mahavidyalaya (Engineering College) and Natubhai V. Patel College of Pure and Applied Sciences.

He adopted Kheda jilla Bal Kalyan Sangh, and institution wedded to the welfare of women and children of rural areas, and Manav Vikas Kendra, Center of promoting human excellence.

Adoption of Needy Youth

He had also been adopting for the last six years a number of needy Kashmiri Youth who have been victim of terrorism. They are receiving education in the institutions of Charutar Vidya Mandal.

Shapurbhai I. Patel Learning Center, which houses a library, particularly for children, also his creation, aims at serving the various schools run by Charutar Vidya Mandal. He had made a handsome donation to the C. L. Patel Center for Production & Civil Engineering. In addition, separate Hostels for Boys and Girls belonging to G. H. Patel College of Engineering & Technology (GCET) and A. D. Patel institute of Technology (ADIT) have been built under his dynamic leadership.

Dr. Patel, the visionary leader, is a team player who believes in “None of us is as strong as all of us”. With his terms of devoted academician - secretaries he had nurtured nearly forty five educational institutions for the last seventeen years, contributing to the spectacular growth of Vallabh Vidyanagar and New Vallabh Vidyanagar. It is noteworthy that he was instrumental in publishing a collection of writings on the life and works of Sardar Patel entitled “Rashtriya Samvadita na Sarjak”. The publication has won wide acclaim. He has also initiated Dr.Dilavarsinh Jadeja Memorial Lecture Series. It merits special mention that he collected donation from the engineering experts and educational institutions of Vallabh Vidyanagar and built seven primary schools in the earthquake - ravaged Bhachau Taluka of Kutchh and named them after the mighty Sardar Patel and thus paid tribute to him in a befitting manner.

Honours Conferred

In recognition of his outstanding service to the society he won innumerable accolades. Some of which are : Anand Round Town Club Charotar Ratna Award and Anoopam Mission - Shalin Manav Ratna Award. Sardar Patel University, with the Development of which he has been actively associated for over two decades, confored upon him honorary degree of Doctor of Letters as a token of gratitude to him. And

Anand Agriculture University honoured him with Doctor of Literature Degree (Honoris Causa). And Sardar Patel Award for his exemplary commitment in the field lf education. The twin campuses of Vallabh Vidyanagar and New Vallabh Vidyanagra of Charutar Vidya Mandal are shining examples of an institution serving the community in the field of education and contributing to the improvement of the quality of light of the people. The question that has been asked time and again ever since the birth of Vallabh Vidyanagar is "Where does so much money come from?"

The answer is that Dr. C.L.Patel, like his predecessors, receives massive donations from his numerous well-wishers and philanthropists in India and abroad, who have tremendous faith in him. He, in turn, showed immense faith in the public sense and generosity of our people and believes that right public cause sincerely undertaken can never suffer for want of funds. Is not the genesis, growth and development of the sixty five year old but youthful Vallabh Vidyanagar Stranger than fiction?

Newly Elected CVM Authority

Er. Bhikhubhai B. Patel has been elected and took over the charge of Chairman, CVM from 21.2.2018. He belongs to a family dedicated to society. He is associated with many social organizations and performed several tasks for the betterment of society. He has many plans to tale CVM to greater heights. Similarly, Shri Manishbhai S. Patel recently took over as Vice President of CVM. He belongs to a well-known donor family of late Shri P. T. Patel. A young and dynamic leadership provided by him will definitely ensure ever high growth of CVM.



About New Vallabh Vidyanagar

ABOUT NEW VALLABH VIDYANAGAR

A new self contained Satellite Township called New Vallabh Vidyanagar sprawled over 100 acres has already received an investment of around US $20 million.

The campus is located behind the Industrial Area of Vitthal Udyognagar. The campus presently accommodates A.D.Patel Institute of Technology (ADIT), Indukaka Ipcowala College of Pharmacy (IICP), Ashok and Rita Patel Institute of Integrated Study & Research in Biotechnology & Allied Sciences (ARIBAS), G. J. Patel Institute of Ayurvedic Study and Research, S. G. Patel Ayurveda Hospital and Maternity Home, Chimanbhai M. U. Patel Industrial Training Centre (IITC), Madhuben and Bhanubhai Patel Women Institute of Engineering for Studies and Research in Computer and Communication Technology (MBICT), Shantaben Manubhai Patel School of Studies and Research in Architecture and Interior Design (SMID) and C. Z. Patel College of Business and Management (CZPCBM). Beside, the playground is the ADIT Workshop with a large sports complex in its basement.

The campus also houses the Boys' and Girls' Hostel Blocks along with a mess and Staff Apartments, Principals' bungalows, amenity building with Shopping and Medical facilities and a landscaped Public Garden.

The next phase of expansion will see another 70 acres being joined to the campus with institutes such as Advanced Law College, College of Applied Social Sciences, College of Hospitality, Tourism and Travel, English and Gujarati Medium Secondary Schools along with increased residential facilities. The latest additions at New Vallabh Vidyanagar is the wok on Setting up there, a college for Languages Studies, Diploma-degree Pharmacy college and a centrally air conditioned new engineering college is progressing at a supersonic speed. It is the dream and vision of Dr. C. L. Patel that the campus be spread over 300 acres in its final phase.





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare the
Vitthalbhai Patel and Rajratna P. T. Patel Science College
Vallabh Vidyanagar, Dist. Anand, affiliated to Sardar Patel University,
Gujarat as
Accredited
with CGPA of 3.13 on four point scale
at A grade
valid up to February 13, 2025

Date : February 14, 2020

Director

EC(SC)/49/3rd Cycle/GJCOGN13051

KNOWLEDGE CONSORTIUM OF GUJARAT

Department of Education, Government of Gujarat

Certification of Accreditation

Knowledge Consortium of Gujarat

On the recommendation of the duly appointed

Peer Team is pleased to declare the

V.P & R.P.T.P.Science College, Vallabh Vidhyanagar.

As Accredited

*With **CGPA 3.28***

As per NAAC criteria

*At **Grade A+***

Valid up to February 06, 2022

February 19, 2019

ADVISOR, KCG

Opp.P.R.L., B/h. L.D. Engineering College, Navrangpura, Ahmedabad,Gujarat, India
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ICARE RATINGS GSIRF

The Executive Committee of the **Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat** on the recommendation of the duly appointed agency, the Indian Centre for Academic Rankings and Excellence **(ICARE)** has rated

Vitthalbhai Patel & Rajratna P T Patel Science College

4 STAR

as a **4 Star** Institution with a CGPA of **3.3 out of 5** in the category of **'COLLEGE'** on the basis of comprehensive performance metrics as set out in the **Gujarat State Institutional Ratings Framework (GSIRF)** on the 22nd June 2021.

PARAMETER	STAR RATINGS
TEACHING, LEARNING & RESOURCES	★★★★
RESEARCH AND PROFESSIONAL PRACTICE	★★★★
GRADUATION OUTCOMES	★★★★
OUTREACH AND INCLUSIVITY	★★★

BY ORDER

Anju Sharma IAS
Principal Secretary
Education
Government of Gujarat

Shri M Nagarajan IAS
CEO
Knowledge Consortium of Gujarat
Government of Gujarat

Prof A U Patel
Advisor
Knowledge Consortium of Gujarat
Government of Gujarat

Dr Karthick Sridhar
Vice Chairman
ICARE

VALID UPTO 30th MAY 2022

Institutions of Charutar Vidya Mandal
Phone : (02692) 236493, 237398, 237108, 231525
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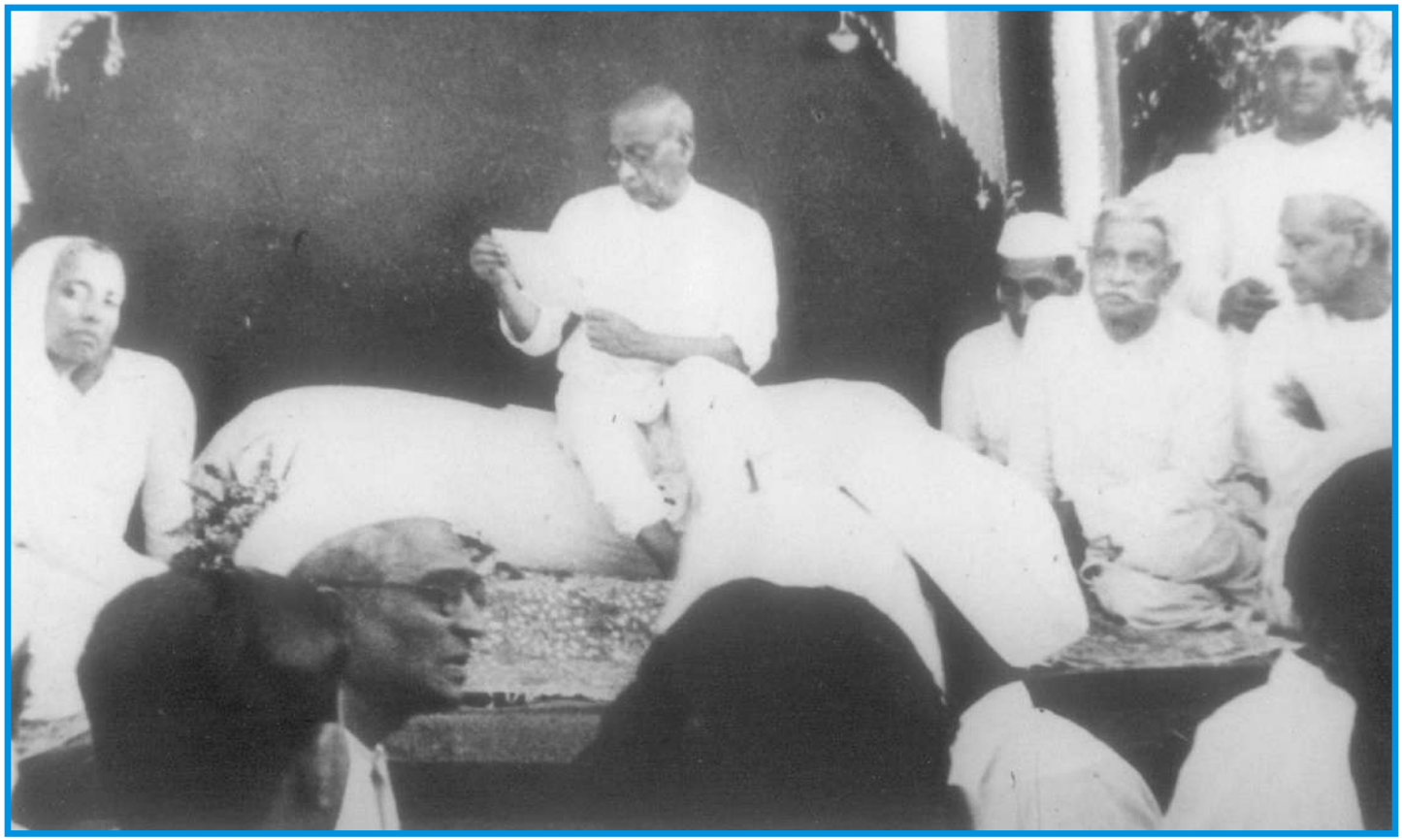
Sr. No	Name of the Institute	Website	PHONE (ISD COD : +91 02692
1	V. P. & R. P. T. P. Science College	www.vpcience.org	230011
2	Birla Vishwakarma Mahavidyalaya (BVM)	www.bvmengineering.ac.in	230104
3	B. J. Vanijya Mahavidyalaya (Commerce College)	www.bjvm.ac.in	230900
4	Nalini-Arvind & T. V. Patel Arts College		230194
5	H. M. Patel Institute of English Training & Research	www.hmpenglishonline.com	230193
6	Rama Manubhai Desai College of Music & Dance		231849
7	S. M. Patel College of Home Science	www.smphomescience.edu.in	230245
8	Arvindbhai Patel Institute of Environmental Design (APIED)	www.apied.edu.in	235179
9	A. R. College & G. H. Patel Institute of Pharmasy (ARGH)	www.arghpharmacy.ac.in	233990
10	N. V. Patel College of Pure & Applied Science	www.nvpas.edu.in	235500
11	G. H. Patel College of Engineering & Technology	www.gcet.ac.in	652981, 231651
12	S. G. M. E. College of Commerce & Management (SEMCOM)	www.semcom.ac.in	231811, 311331
13	Sophisticated Instrumentation Centre for Applied Research & Training (SICART)	www.sicart.res.in	234966
14	Institute of Science & Technology for Advanced Studies & Resarch (ISTAR)	www.istar.edu.in	234368
15	A. D. Patel Institute of Technology	www.adit.ac.in	233680, 233670
16	S. S. Patel College of Physical Education	www.sspcp.edu.in	232696
17	C. Z. Patel College of Business and management	www.czp.ac.in	655430
18	Indukaka Ipcowalala College of Pharmacy	www.iicp_cvm.edu.in	229700
19	B. & B. Institutee of Technoloty	www.bbit.ic.in	237240
20	Ipcowala - Santram College of Fine Arts	www.isfinearts.edu.in	230013
21	Ashok & Rita Patel Institute of Integrated Study & Reseach in Biotechnology and Allied Science	www.aribas.edu.in	231894
22	Govindbhai Jorabhai Patel Institute of Ayurvedic Studies and Research	www.ayugj-cvm.edu.in	239122, 235051
23	Surajben Govindbhai Patel Ayurveda Hospital And Maternity Home	www.ayugj-cvm.edu.in	239122, 235051
24	Waymade College of Education (English Medium)	www.bsptc.edu.in	230050
25	Bhikhabhai Saheb PTC College		229551
26	H. M. Patel Carrer Development Centre (CDC)		234266
27	Chimanbhai M. U. Patel Indu. Training Centre		230798
28	Sardar Patel Renewable Energy Research Institute		235011, 231332
29	Vallabh Vidyanagar Technical Istitute		230104
30	C. V. M. HSC Complex - Science Stream (RPTP)		230760
31	C. V. M. HHSC - General Stream (TV PATEL)		230095
32	C. V. M. HSC - Vocational Stream (HOME SCIENCE)		231245
33	I. B. Patel English School (Secondary)		230343
34	I. B. Patel English Scholl (Primary)	www.ibpeschoolkbp.edu.in	233355
35	G. J. Sharda Mandir	www.gjshardamandir.edu.in	230393
36	M. U. Patel Technical High School		232099
37	S. D. Desai High School		230758
38	M. S. Mistry Primary School		231964
39	Vasantiben & Chandubhai Patel English School (CBSE)		233325
40	Centre for Studies and Research on Life and Work of Sardar Vallabhbhai Patel (CERLIP)	www.cerlip.res.in	233191
41	Institute of Language Studies & Applied Social Sciences (ILSASS)	www.ilsass.edu.in	230190
42	Madhuben & Bhanubhai Patel Women's Institute of Engineering for Studies and Research in Computer and Communication Technology	www.icctw.ac.in	230824, 230880
43	Shantaben Manubhai Patel School of Studeis & Research in Architecture an Interior Design		238600
44	CVM IAS Academy		234266
45	R. N. Patel Ipcowala School of Law and Justice	www.rnpilwscholl.edu.in	230503
46	CVM College of Fine Arts		230013
47	CVM Istitute of Human Resource Development		232696
48	Institute of Studies and Research in Renewable Energy		292279

કોલેજની વિશેષતાઓ...

- કેમ્પસની પ્રથમ કોલેજ જેનું ઉદ્‌ઘાટન ૧૯૪૭ મા સરદાર વલ્લભભાઈ પટેલ દ્વારા કરવામાં આવ્યુ હતું.
- યુજીસી, નવી દિલ્હી દ્વારા બે વાર ''કોલેજ વિથ પોટેન્શિયલ ફોર એક્સેલન્સ'' નો એવોર્ડ એનાયત
- ગુજરાત સરકાર દ્વારા સતત ત્રણ વખત ''બેસ્ટ સાયન્સ કોલેજ'' નો એવોર્ડ.
- એનઆઈઆરએફ (એમએચઆરડી) માં સમગ્ર દેશમાં ૬૧ મો ક્રમ(૨૦૧૭)
- નેક, બેંગલોર દ્વારા 'A' ગ્રેડ, કેસીજી, ગાંધીનગર દ્વારા 'A+' ગ્રેડ
- બીએસસી (પ્યોર અને એપ્લાઇડ વિષયો) / બીસીએ / પીએચડી સુધીનો અભ્યાસ
- અનુભવી અધ્યાપકો (મોટા ભાગના પીએચડી ડિગ્રી ધરાવતા)
- ઉત્તમ પરિણામો (છેલ્લા ઘણા વર્ષોથી યુનિવર્સિટી પરીક્ષાના મહત્તમ ગોલ્ડ મેડલ મેળવનાર)
- શિક્ષણ અને શીખવાની આધુનિક પદ્ધતિઓ
- અદ્યતન શિક્ષણ સંસાધનો
- પુસ્તકોના સરળ પરિભ્રમણ માટે ઈન્ફિલબનેટ સુવિધા અને આરએફઆઈડી ટેકનોલોજીવાળી સંપૂર્ણ સ્વચાલિત લાઈબ્રેરી
- સંપૂર્ણ સજ્જ પ્રયોગશાળાઓ
- અંગ્રેજી ભાષાની ડિજિટલ પ્રયોગશાળા
- Wi-Fi કેમ્પસ
- સારું શૈક્ષણિક વાતાવરણ
- વિદ્યાર્થીઓના સર્વાંગી વિકાસ માટે એનસીસી / એનએસએસ / રમતગમતની સુવિધાઓ
- સારા ઈન્ફ્રાસ્ટ્રક્ટરવાળા કોલેજ પરિસરનું સુંદર લેન્ડસ્કેપ
- કેમ્પસ ઈન્ટરવ્યું દ્વારા સક્રિય પ્લેસમેન્ટ
- સક્રિય વિદ્યાર્થીઓ કાઉન્સિલિંગ સેલ, પેરેન્ટ્સ-ટીચર્સ એસોસિએશન, એન્ટી રેગિંગ સેલ અને ભૂતપૂર્વ વિદ્યાર્થી એસોસિએશન કાર્યરત
- ભૌતિકશાસ્ત્ર, રસાયણશાસ્ત્ર, ઔદ્યોગિક રસાયણશાસ્ત્ર, માઈક્રોબાયોલોજી, અંગ્રેજી, જીવવિજ્ઞાનમાં સંશોધનની સુવિધાઓ
- વિદ્યાર્થીઓ અને વિદ્યાર્થીનીઓ માટે અલગ છાત્રાલય
- કેન્ટીન સુવિધા

Vitthalbhai Patel & Rajratna P. T. Patel Science College

Platinum Jubilee Year 1947 - 2022



The College inaugurated by Sardar Vallabhbhai Patel in 1947

Vitthalbhai Patel & Rajratna P.T. Patel Science College
(Managed by Charutar Vidya Mandal)
Vallabh Vidyanagar-388120, Dist. Anand, Gujarat

MISSION

We dedicate ourselves to the continuation of our founders' vision of scholastically uplifting rural youth along with value education to prepare globally competitive citizens who contribute towards nation building.

VISION

To educate, empower and prepare globally competitive human resource through knowledge, employability, entrepreneurship skills by creating an environment conducive to learning and research in sciences, and critical thinking there by leading to creation of a strong institution through close affinity with its alumni.

GOALS

To create and nourish a stimulating learning environment that ensures a globally relevant education, based on eternal human values.

a) To forge and reward excellence in the curricular as well as extra-curricular sectors so as to ensure the scholars' global competitiveness.
b) To tap, nurture and unleash the innovative entrepreneurial abilities of scholars and thereby ensuring lifelong socio-economic value- addition.
c) To evoke and embellish the finest traits of human excellence that can dovetail into a sustainable career growth curve.
d) To affiliate, associate, liaise or otherwise synergize with any institution body, entity, ethno-cultural Diaspora and the overall global fraternity in any form whatsoever, in support of the above.
e) To initiate, consolidate and extrapolate any objectives, function and activities in support of the above.

VP & RPTP SCIENCE COLLEGE

HIGHLIGHTS

- First college of the campus inaugurated by Sardar Vallabhbhai Patel in 1947
- The "College with Potential for Excellence" awarded twice by the UGC, New Delhi
- "The Best Science College" awarded three times in succession by Government of Gujarat
- **61st rank in India, as per NIRF (2017), UGC, MHRD**
- Re-accredited "A^{+}" Grade by KCG, Gandhinagar and 'A' by NAAC, Bangalore
- Offers BSc (Pure and Applied Subjects)/BCA/PhD
- Highly experienced staff members with most of the staff members having PhD degree
- Excellent results (achiever of maximum gold medalist of University examinations since last many years)
- Innovative methods of teaching and learning
- Rich learning resources
- Fully Automated library with INFLIBNET facility & RFID Technology for smooth circulation of books
- Well equipped laboratories
- Digital English language laboratory facility
- Wi-Fi Campus
- Good academic ambience
- NCC / NSS / Sports Facilities for overall development of student
- Beautiful landscape of the college premises with good infrastructure
- Active Placements through Campus Interviews
- Active Students Counselling Cell, Parents-Teachers Association, Anti Ragging Cell, Equal Opportunity Cell and Alumni Association
- Research facilities in Physics, Chemistry, Industrial Chemistry, Microbiology, English, Biology leading to PhD
- Separate hostel for girls and boys
- Canteen facility

Concept by Dr. A. R. Jivani

Vitthalbhai Patel & Rajratna P. T. Patel Science College

A Constituent College of CVM University

Re-Accredited "A+" Grade by KCG, Gandhinagar, 'A' by NAAC, Bangalore

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