

Information Brochure

2024-2025



Since 1947

Charutar Vidya Mandal's

**VITTHALBHAI PATEL &
RAJRATNA P. T. PATEL SCIENCE COLLEGE
(AUTONOMOUS)**

Affiliated to Sardar Patel University
Vallabh Vidyanagar, Dist. Anand, Gujarat





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...

I am happy to present to you this brochure with all essential information regarding the academic programs offered by the college. The Charutar Vidya Mandal is proud of the fact that this is the first college established by the Charutar Vidya Mandal in 1947 and today it is among the most prominent science colleges of Gujarat.

The students and their parents will find this brochure informative as it throws light on all the aspects of courses, infrastructure and activities and on the highly educated and experienced faculty majority of whose highest qualification is Ph.D.. I would like to assure the students that by taking admission in this college you have taken the right decision especially now because the UGC, New Delhi, has granted Autonomous status to this college that gives the college the freedom to design courses to shape your careers.

My best wishes and blessing to all as you enter a crucial phase of your career in this prominent college and pray that you realize your full potential and grow as a well rounded individual.

Er. Bhikhubhai Patel
Chairman
Charutar Vidya Mandal



Message...

Inspired by the vision of the great Sardar Patel, Hon. Bhaikaka and Hon. Bhikhabhai founded the first college of this newly designed educational township called Vallabh Vidyanagar. The college named Vitthalbhai Patel and Rajratna P T Patel Science College came into being in 1947 stands as a reputed centre of higher education in this rural landscape. Steeped in its own unique identity and tradition, the college has laid the foundation for future scientists, entrepreneurs, educationists, spiritual leaders and social leaders.

The college has gone from strength to strength in the last 75 years and has emerged as a leading centre for science education and research in Gujarat with Undergraduate Programmes(BSc, BCA) and Research Programmes(PhD)in Science. At present, the College offers 10 B.Sc. BCA and 6 PhD programmes.

This institution has always endeavoured to maintain a high quality of teaching and other related activities which is evident from the accreditation and assessment grades that the college has received - 'A' Grade by National Assessment and Accreditation Council(NAAC), Bangalore, in 2013 and in 2020 as well, and 'A+' Grade by KCG, Ahmedabad. It was ranked 61 in the ranking conducted by the National Institutional Ranking Framework (NIRF) data 2018, released by Ministry of Human Resource Development. To add another feather in the cap, the UGC, New Delhi, has granted Autonomous status to this college from the Academic Year 2024

Autonomy is a great responsibility vested in us to take the college to greater heights. This status allows us to design the curriculum for the holistic development of the students. It is an opportunity to tap the full potential of the college for the holistic development of students. We hope that the students make the best use of the facilities and become confident, intellectually bright and morally strong human resource of the country.

The reputation of the college, cultivated through years of dedication and commitment owes itself to the unwavering dedication of its teachers, staff, and students. This proud tradition is supported by the current generation of educators, earnestly working to take the college to new heights.

I am happy to note that the Er. Shri Bhikhubhai Patel, Chairman of Charutar Vidya Mandal, Vice President Shri Manishbhai Patel, Secretary Dr S G Patel and Jt. Secretary Shri R C Talati have a clear vision and are always encouraging and constantly guiding us to achieve what the founders of the Mandal and college had envisioned .

Wishing you all the best.

Dr. N. B. Bhatt
I/C Principal

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 SP 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. 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. The UGC has granted Autonomous status to this College. The College will remain affiliated to Sardar Patel University.

At present the college offers B.Sc. degree and Honours programmes in the following subjects as per New Education Policy-2019:

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

Facilities for the doctoral studies (PhD) are available in the subjects of Chemistry, Microbiology, Industrial Chemistry, Botany, Zoology, 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.

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' Program is conducted every year. Internet facility is available to all students. To increase Internet access, the college offers free 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 56, out of which 40 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.



V P & R P T P SCIENCE COLLEGE



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 thereby 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.

- To forge and reward excellence in the curricular as well as extra-curricular sectors so as to ensure the scholars' global competitiveness.
- To tap, nurture and unleash the innovative entrepreneurial abilities of scholars and thereby ensuring lifelong socio-economic value-addition.
- To evoke and embellish the finest traits of human excellence that can dovetail into a sustainable career growth curve.
- 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.
- To initiate, consolidate and extrapolate any objectives, function and activities in support of the above.

Admission



Admission Forms

(1) For FY B.Sc. (Sem-I) forms have to be filled up online (GCAS Portal) / 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 have 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 HSC Board will have to attach provisional eligibility certificate (PEC) which can be obtained from Sardar Patel University
7. Photocopy of Aadhar Card and a Passport size Photograph
8. In case of a break in the 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 tuition is 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 days 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 assessment includes 50% Internal and 50% external (as per NEP 2020)

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 & 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 allow 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 prescribed by College/University.

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.

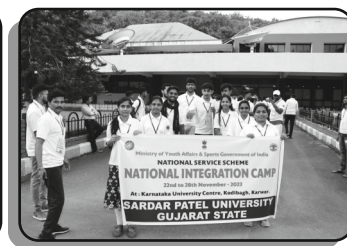
NCC/NSS/SPORTS

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 to participate in zonal/ 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



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, Kabddi, 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.



National Cadet Corps (NCC):

NCC Offices: Major Dr. M. M. Morekar

Training in NCC instills qualities like nationalism, patriotism, discipline, team spirit, esprit-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.



IQAC Team



Seminar Organized by IQAC

Internal Quality Assurance Cell (IQAC)

Coordinator : Dr. C. R. Gurjar

Taking into account of 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) for post accreditation sustenance activity.

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 assure stakeholders namely, students, parents, teachers, staff, funding agencies and society in general -connected with the organization for the constant improvement.

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

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 focused 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, Saptdhara) 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:

To mould students as independent thinkers and confident young men and women with sharp intellect, Charutar Vidya Manda! 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.



Counselling Cell:

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:

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 than 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 not indulge in Ragging.

Coaching for Entry in Services:

Success in any types of competitive examinations for administrative posts conducted like IJPSC, 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 students 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.



Training and Placement Cell:

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:

Internal Complaints Committee:

Both the above committees are constituted as per the directions of UGC. The objective of the Committees is 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:

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 the smooth conduction of the function.

Equal Opportunity Cell:

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.



Equal Opportunity Cell



Science Club

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 the textbooks subjects are given Bhaikaka library also by paying a membership fee. The college has a Book bank system. Under this scheme, the text book of various students throughout the year. There are

many books for competitive exams such as IPS, IAS, Banking etc.

Internet Facilities:

'Think Globally Act Locally' is the motto of Charutar Vidya Manda!. 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: Dr. R.Z. Bhatti, Dr. Vipul Kataria
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.



RFID Facility



Girls Hostel



Library



Boys Hostel

Job Oriented Programmes (Vocational Courses)



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

This is a three years 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 candidate who has passed HSC (Maths & BioGroup) with Science can apply

BACHELOR IN COMPUTER APPLICATIONS (BCA):

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 student 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 Applications can be developed.

Future Prospects:

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

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.

Certificate Courses:

Coordinator: Mr. R.P. Solanki

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. Hydroponics
3. Wild Life Study (Biodiversity)
4. Manufacturing of domestic items
5. Elementary course in LaTeX
6. Separation techniques: Chromatography
7. Water analysis
8. Manufacturing of Domestic Items
9. Micro biological Techniques
10. Conversational English
11. Textile dyeing & Printing

Subjective Course Structures

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
Major	US01MAXXX01	Theory	4	4	3	50	50	100
	US01MAXXX02	Practical	4	4	6	25	25	50
Minor	US01MIXXX01	Theory	2	2	3	50	50	100
	US01MIXXX02	Practical	2	4	3	25	25	50
Inter disciplinary	US01IDXXX01	Theory	2	2	3	50	50	100
	US01IDXXX01	Practical	2	4	3	25	25	50
Ability Enhancement	US01AEENG01	Practical	2	4	2	25	25	50
Skill Enhancement	US01SEXXX01	Theory	2	2	2			
IKS	US01IKSXXX01	Theory	2	2	2			
	Total Credits		24					

Core Subjects for Mathematics Group:

Physics, Chemistry, Mathematics, Electronics, Industrial Chemistry, Industrial Chemistry (Vocational), Computer Science

Core Subjects for Biology Group:

Botany, Zoology, Chemistry, Microbiology, Industrial Chemistry, Physics, Microbiology, Industrial Chemistry (Vocational)

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
Major	US02MAXXX01	Theory	4	4	3	50	50	100
	US02MAXXX02	Practical	4	8	6	25	25	50
Minor	US02MIXXX01	Theory	4	2	3	50	50	100
	US02MIXXX02	Practical	2	4	3	25	25	50
Inter disciplinary	US02IDXXX01	Theory	2	2	3	50	50	100
	US02IDXXX01	Practical	2	4	3	25	25	50
Ability Enhancement	US02AEENG01	Practical	2	4	2	25	25	50
Skill Enhancement	US02SEXXX01	Theory	2	2	2			
VAC	US02VAXXX01	Theory	2	2	2			
	Total Credits		24					

Core Subjects for Mathematics Group:

Physics, Chemistry, Mathematics, Electronics, Industrial Chemistry, Industrial Chemistry (Vocational), Computer Science

Core Subjects for Biology Group:

Botany, Zoology, Chemistry, Microbiology, Industrial Chemistry, Physics, Microbiology, Industrial Chemistry (Vocational)

B.SC. Semester – III

Sr. No.	Course Type	Course Code	Theory/ Practical	Credits	House per week	Exam Duration	Internal Marks	External Marks	Total
1	Major	US03MAXXX01	Theory	04	04	03	50	50	100
		US03MAXXX02	Theory	04	04	03	50	50	100
		US03MAXXX03	Practical (Sect. I & II)	02+02	04+04	06	50	50	100
2	IDP	US03IDXX01	Theory	02	02	02	25	25	50
3	Ability Enhancement	US03AEENG01	Practical	02	04	02	25	25	50
4	Skill Enhancement	US03SEXX01	Theory	02	02	02	25	25	50
5	IKS	US03IKSXX01	Theory	02	02	02	25	25	50

B.SC. Semester – IV

Sr. No.	Course Type	Course Code	Theory/ Practical	Credits	House per week	Exam Duration	Internal Marks	External Marks	Total
1	Major	US04MAXXX01	Theory	04	04	03	50	50	100
		US04MAXXX02	Theory	04	04	03	50	50	100
		US04MAXXX03	Practical	02+02	04+04	06	50	50	100
			(Sect. I & II)						
2	Minor	US04MIXXX01	Theory	02	02	02	25	25	50
		US04MIXXX02	Practical	02	04	02	25	25	50
3	Ability Enhancement	US04AEENG01	Practical	02	04	02	25	25	50
4	Skill Enhancement	US04SEXX01	Theory	02	02	02	25	25	50
5	VAC	US04VAXXX01	Theory	02	02	02	25	25	50

B.Sc. (Semester-V & 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 Practical Course	8	1 Paper x 16 hours = 16 hrs
	Total	24	32 hrs

BCA Semester – I

Type of Course	Course code	Course Title	T/ P	Credit	Class room/ lab hrs per week	Marks			
						Exam Duration	Internal	External	Total
Major	US01MABCA01	Programming Fundamentals Using C	T	4	4hrs	2:30	50	50	100
	US01MABCA02	Programming Fundamentals Using C Lab	P	4	8hrs	3	50	50	100
Minor	US01MIBCA03	Web Application Development-I	T	2	2hrs	1:30	25	25	50
	US01MIBCA04	Web Application Development-I Lab	P	2	4hrs	2	25	25	50
Inter Disciplinary	US01IDBCA05	Accounting and Office Automation	T	2	2hrs	1:30	25	25	50
	US01IDBCA06	Office Automation Lab	P	2	4hrs	2	25	25	50
Ability Enhancement	US01AEBCA07	Communication Skills in English-I	P	2	2hrs	2	25	25	50
Value Added	US01KBCA08	Indian Knowledge System	T	2	2hrs	1:30	25	25	50
Skill Enhancement	US01SEBCA09	Fundamentals of Computer Organization	T	2	2hrs	1:30	25	25	50
Total Credit			22						

BCA Semester – II

Type of Course	Course code	Course Title	T/ P	Credit	Class room/ lab hrs per week	Marks			
						Exam Duration	Internal	External	Total
Major	US02MABCA01	Advanced C Programming	T	4	4hrs	2:30	50	50	100
	US02MABCA02	Advanced C Programming Lab	P	4	8hrs	3	50	50	100
Minor	US02MIBCA03	Web Application Development-II	T	2	2hrs	1:30	25	25	50
	US02MIBCA04	Web Application Development-II Lab	P	2	4hrs	2	25	25	50
Inter Disciplinary	US02IDBCA05	Digital Electronics	T	2	2hrs	1:30	25	25	50
	US02IDBCA06	Digital Electronics Lab	P	2	4hrs	2	25	25	50
Ability Enhancement	US02AEBCA07	Communication Skills in English-II	P	2	2hrs	2	25	25	50
Value Added	US02KBCA08	Environment Studies	T	2	2hrs	1:30	25	25	50
Skill Enhancement	US02SEBCA09	Information Technology Fundamentals-II	T	2	2hrs	1:30	25	25	50
Total Credit			22						

BCA (Semester-III)

Type of Course	Course code	Course Title	T/ P	Credit	Class room/ lab hrs per week	Marks			
						External	Exam Duration	Internal	Total
Ability Enhancement Courses	US03ABCA51	Computer Oriented Numerical and Statistical Methods	P	2	2 hrs	50	2 hrs	-	50
Core Courses	US03CBCA51	Object Oriented Programming – I	T	4	4 hrs	70	3 hrs	30	100
	US03CBCA52	Data Structures- I	T	4	4 hrs	70	3 hrs	30	100
	US03CBCA53	Database Management System - II	T	4	4 hrs	70	3 hrs	30	100
	US03CBCA54	System Analysis and Design	T	4	4 hrs	70	3 hrs	30	100
	US03CBCA55	Practicals-I	P	4	4 hrs	100	3 hrs		100
	US03CBCA56	Practicals-II	P	4	4 hrs	100	3 hrs		100
Skill Enhancement Courses	US03SBCA53	E-Commerce	T	2	2 hrs		2 hrs	50	50

BCA (Semester-IV)

Type of Course	Course code	Course Title	T/ P	Credit	Class room/ lab hrs per week	Marks			
						External	Exam Duration	Internal	Total
Ability Enhancement Courses	US04ABCA51	Fundamentals of Operations Research	P	2	2 hrs	50	2 hrs	-	50
Core Courses	US04CBCA51	Object Oriented Programming – II	T	4	4 hrs	70	3 hrs	30	100
	US04CBCA52	Data Structures- II	T	4	4 hrs	70	3 hrs	30	100
	US04CBCA53	Visual Programming	T	4	4 hrs	70	3 hrs	30	100
	US04CBCA54	Operating Systems	T	4	4 hrs	70	3 hrs	30	100
	US04CBCA55	Practicals-I	P	4	4 hrs	100	3 hrs		100
	US04CBCA56	Practicals-II	P	4	4 hrs	100	3 hrs		100
Skill Enhancement Courses	US04SBCA51	Multimedia Technology	T	2	2 hrs		2 hrs	50	50

BCA (Semester-V)

	Course code	Course Title	T/P	External	Credits	Internal	Total
Core Courses	US05ABCA51	Object Oriented Programming - III	T	70	4	30	100
	US05ABCA52	Advanced Web Development Technology	T	70	4	30	100
	US05ABCA53	Software Engineering	T	70	4	30	100
	US05ABCA54	Practicals	P	100	6	50	150
	US05ABCA55	Project - I	P	70	2	30	100
Discipline Specific Courses	Computer Graphics			35	2	15	50
Total				490	24	190	600

BCA (Semester-VI)

	Course code	Course Title	T/P	External	Credits	Internal	Total
Core Courses	US06ABCA51	Web Programming Using PHP	T	70	4	30	100
	US06ABCA52	Python Programming	T	70	4	30	100
	US06ABCA53	Computer Networks	T	70	4	30	100
	US06ABCA54	Practicals	P	100	6	50	150
	US06ABCA55	Project - II	P	70	2	30	100
Discipline Specific Courses	Current Trends In IT			35	2	15	50
Total				490	24	190	600



Alumni Association

Secretary: Dr.J.P.Patel

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) Lifemembers (Rs.2,500/-)
- (2) Ordinary members (Rs. 500/-)

Alumni Association

Secretary: Mr. R.P.Solanki

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.

About Vallabh Vidyanagar



Culture

The town is the synthesis of varied cultures, which enables it to evolve and expand the quality life, as well as to foster an environment of creativity amongst the student citizens. Those who stay here always cherish the golden moments of life in the campus. Today, the town has compounded in strength and consolidated itself to take on the challenges of the emerging future. Vidyanagar is a mixed culture of say pan-India. 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 at its best, fun and frolics do compete with it. Days are hectic with studies while nights go with fun places filling the air with discussions about the day's happenings and eating out at almost all the places that glitter with neon lights. Roaming till late night is a very common here.

Environ

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 built surrounded with trees of various kinds. Vallabh Vidyanagar is blessed with the splendor of nature. The pollution-free environ, attracting 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 major metropolis may 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. It encapsulates the contemporary trends of the youth, while at the same time it attempts to make these trends meaningful by making felt the presence of different spiritual vibes.

Location

Vallabh Vidyanagar embraces a rarity of raison d'être behind its origin 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 six kilometers from India's milk city Anand. One can visit the city of Vallabh Vidyanagar by flying to the International airport at Ahmedabad as well as the Domestic 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, the Icon. 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 realisation of his first dream; Institute of Agriculture at Anand (now Anand Agricultural University) is the fruition of the second and Amul Dairy, the cradle of cooperative dairying, is the fulfilment of the third.

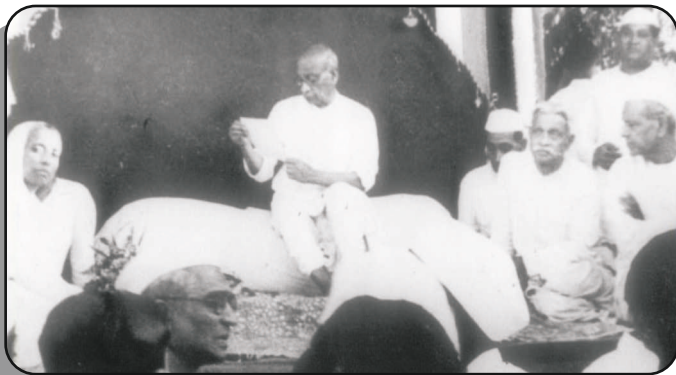
BHAIKAKA & BHIKHABHAI : THE CREATOR DUO

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, Shri Bhailalbhai Dyabhai Patel, later warmly taken to their heart by the people of Gujarat as 'Bhaikaka', had earned the 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 it meant to be poor. So, while in dedicating himself to the cause of rural India which was sunk in inertia, squalor and abject poverty. Once during a meeting between him and Sardar Vallabhbhai Patel. who knew Bhaikaka as a man with a 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 institutions of higher education started taking shape. He got in touch with Shri Bhikhabhai Kuberbhai Patel. a dedicated and farsighted educationist, fired by the same ideal. He had played a pivotal role in the establishment of Charotar Education Society in Anand and Narmada Kelavani Mandal at Shuklateerth.

Torrential Rain of Land

They held several meetings in different parts of Kheda (then Kaira) district with about five hundred persons 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 wilderness infested with dacoits which later came to be known as Vallabh Vidyanagar. Bhaikaka and Bhikhabhai worked out an 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 total of 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 latter meant to produce the building materials for educational institutions and residential quarters. They were registered on August 10, 1945 and September 7, 1945, respectively. Bhaikaka and Bhikhabhai came to reside in the wilderness in an 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 Brahma, 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, tiles factory, rubber factory and prestressed concrete factory to produce, in addition to bricks, lime, timber doors and windows, flooring tiles, hume pipes and various concrete products. The materials thus produced worked out cheaper than in the market and in addition, provided 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 journals and question papers were also set up.

Bhaikaka, the man with green thumb, planted a thousand trees. It is to him that we owe 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 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 wholeheartedly blessed the great adventure but also expressed his tremendous faith in its success. Inspiration, encouragement and unbounded support of the mighty Sardar, blessings 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 that teachers and students carried with cheer bricks and mortar after 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 give 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 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 graced the first

Institutions of Charutar Vidya Mandal

Sr. No.	Name of the Institute	Website	PHONE (ISD CODE : +91 2692)
1	V.P. & R.P.T.P. Science College	www.vpscience.org	230011
2	Birla Vishwakarma Mahavidyalaya (BVM)	www.bvmengineering.ac.in	230104
3	B.J. Vanija Mahavidyalaya (Commerce College)	www.bjvm.ac.in	230145
4	Nalini-Arvind & T.V. Patel Arts College	naliniartscollege@yahoo.com	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 Pharmacy (ARGH)	www.arghpharmacy.ac.in	233990
10	B. & B. Institute of Technology	www.bbit.ac.in	237240
11	Ipcowala – Santram College of Fine Arts	www.isfinearts.edu.in	230013
12	Sophisticated Instrumentation Centre for Applied Research & Testing (SICART)	www.sicart.res.in	234966
13	Sardar Patel Renewable Energy Research Institute		235011, 231332
14	C.V.M. HSC Complex – Science Stream (RPTP)		230760
15	C.V.M. HHSC – General Stream (TVPATEL)		230095
16	C.V.M. HSC – Vocational Stream (HOME SCIENCE)		231245
17	G.J.Sharda Mandir	www.gjshardamandir.edu.in	230393
18	M.U.Patel Technical High School		232099
19	S.D.Desai High School		230758
20	I.B.Patel English School (Secondary)		230343
21	I.B.Patel English School (Primary)	www.ibpeschoolkbp.edu.in	233355
22	M.S.Mistry Primary School		231964
23	Vasantiben & Chandubhai Patel English School (CBSE)		233325
24	Chimanbhai M.U. Patel Indu.Training Centre		230798
25	Shardaben C. L. Patel ITI for Women		233450
26	Kanubhai M. Patel ITI for Women		234450
27	CVM Health Centre		229551
28	N.V. Patel College of Pure & Applied Sciences	www.nvpas.edu.in	235500
29	G.H. Patel College of Engineering & Technology	www.gcet.ac.in	652981, 231651
30	S.G.M.E. College of Commerce & Management (SEMCOM)	www.semcom.ac.in	231811, 311331
31	Institute of Science & Technology for Advanced Studies & Research (ISTAR)	www.istar.edu.in	234368
32	A.D. Patel Institute of Technology (ADIT)	www.adit.ac.in	233680, 233670
33	S.S. Patel College of Physical Education	www.sspcpe.edu.in	232696
34	C.Z. Patel College of Business and Management	www.czp.ac.in	655430
35	Indukaka Ipcowala College of Pharmacy (IICP)	www.iicp_cvm.edu.in	229700
36	Ashok & Rita Patel Institute of Integrated Study & Research in Biotechnology and Allied Sciences (ARIBAS)	www.aribas.edu.in	231894
37	Govindbhai Jorabhai Patel Institute of Ayurvedic Studies and Research	www.ayugj-cvm.edu.in	239122, 235051
38	Surajben Govindbhai Patel Ayurveda Hospital and Maternity Home	www.ayugj-cvm.edu.in	239122, 235051
39	Waymade College of Education (English Medium)	www.bsptc.edu.in	230050
40	Centre for Studies and Research on Life and Works 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 Institute of Technology (MBIT)	www.icctw.ac.in	230824 230880
43	Shantaben Manubhai Patel School of Studies & Research in Architecture and Interior Design (SMAID)		238600
44	R N Patel Ipcowala School of Law and Justice	www.rnpilawschool.edu.in	230503
45	CVM College of Fine Arts		230013
46	C. L. Patel Institute of Studies and Research in Renewable Energy (ISRRE)		231894
47	H. M. Patel Career Development Centre (CDC)		7041534266
48	CVM Nursing College		7567561243
49	CVM Homoeopathic Medical College & Hospital		7567306507
50	Rita A. Patel Institute of Physiotherapy		
51	CVM MBA Programme		

Activities of the Clubs @ VPM

Cultural Club



Debate Club



Fine Arts Club



Innovation Club



NCC



Activities of the Clubs @ VPM

NSS



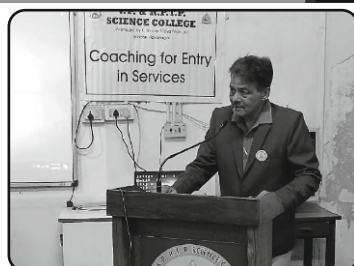
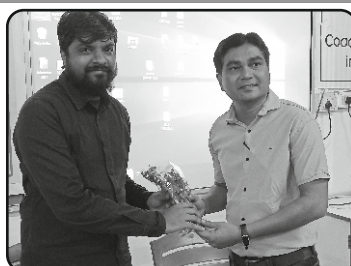
Science Club



Sport Club



Placement Cell Club



Prospectus and Academic Calender Committee



Literature Club





Our Learned Faculty

Dr. N. B. Bhatt

M. Sc., M. Phil., Ph. D.
I/C 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



Ms. J. N. Batra
MSc, MPhil



Dr. Bhattacharjee
MSc, PhD



Dr. Umesh Gaur
MSc, PhD



Dr. M. Y. Barot
MSc, PhD



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MSc



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Ms. Jalpaben J. Patel
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Mr. Hitesh Ramrakhiani
Comp. Programmer



Mr. Umang Patel
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Ms. Priti Patel
Ad-hoc

Department Activities @ VPM

Physics Department



Chemistry Department



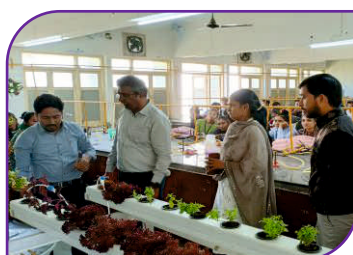
Microbiology Department



Mathematics & Statistics Department



Botany Department



Zoology Department

Department Activites @ VPM

Industrial Chemistry Department



Electronics Department



Computer Science and BCA Department



77th Annual Day @ VPM





VP & RPTP SCIENCE COLLEGE

HIGHLIGHTS

- First college of the campus inaugurated by Sardar Vallabhbhai Patelin 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
- 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 have a PhD degree
- Excellent results (achiever of maximum gold medalist of University examinations in the previous years' results till date.
- 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 students
- Beautiful landscape of the college premises with good infrastructure
- Active Placements through Campus Interviews
- Active Students Counselling Cell, Anti Ragging Cell, Equal Opportunity Cell and Alumni Association
- Research facilities in Physics, Chemistry, Microbiology, English, Industrial Chemistry, Botany & Zoology leading to PhD
- Separate hostel for girls and boys
- Canteen facility

VITTHALBHAI PATEL & RAJRATNA P. T. PATEL SCIENCE COLLEGE **(AUTONOMOUS)**

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