

## Institute Profile Information

### About the Institute :

Natubhai V. Patel College of Pure and Applied Sciences (NVPAS) managed by Charutar Vidya Mandal has become one of the top-notch premier institutes across the nation since its inception in 1996. Its aim of imparting quality education in the emerging areas of Pure and Applied Sciences and the institutional commitment to quality get reflected in its achievements and recognition. The college got re-accredited 'A' grade by National Assessment and Accreditation Council (NAAC) in March 2016. It boasts an astounding concourse of state-of-the-art infrastructure, highly qualified academicians, holistic approach to education and techno-scientific ambience.

On account of its constant emphasis on quality education and research, the college was the first self-financed science college in the state of Gujarat to be covered under the section 2(f) and 12(B) of UGC, New Delhi. NVPAS has successfully implemented the comprehensive counselling system to provide parental understanding and care for the students which brings about remarkable result in terms of academic performance and moral conduct. The college regularly conducts weekly tests which facilitate the parents, teachers as well as the students to measure the academic progress at regular intervals.

The college offers B.Sc. degree courses in Biotechnology, Bioinformatics, Genetics, Microbiology, Environmental Science, Information Technology, Computer Science, Chemistry, Industrial Chemistry, Instrumentation and Mathematics in addition to Bachelor of Computer Application (BCA). The college has been offering M.Sc. (CA & IT) - a Five-year integrated dual-degree course since June 2012.

The college also runs career-oriented add-on courses (Diploma and Certificate) in 'Process Development in Industrial Biotechnology' for college students funded by UGC, New Delhi. NVPAS believes that students can be academically and professionally successful only if they are guided and mentored in the proper academic environment.

In addition to Personality Development Programme, the faculties like Creative expression, Arts, Sports, Excursion and Knowledge Sharing Forum etc. under the umbrella of Madhyastha Samiti of the college take keen interest in organizing variety of co-curricular and extra-curricular activities for all-round personality development of the students.

NVPAS is also recognized as Biotechnology Capacity Building Cell for Anand and Vadodara region by the Gujarat State Biotechnology Mission (GSBTM) DST, Government of Gujarat. Entrance Exam Preparation Cell of the college puts in concerted efforts to develop core competence among students to clear entrance exams for admission to various P.G. courses offered by premier institutes of the nation. The institute has also excelled in the field of research and students get the benefit of the research experience of the faculty members who are engaged in a number of research projects funded by UGC and other government funding agencies. Besides, the college organizes seminars, conferences, workshops and industrial visits to familiarize students with latest innovations and development in their respective fields.

NVPAS has been a trend-setter through its innovative and student-centric activities which include remedial classes, open house, cultural activities, NSS, NCC and Sports to instil in students the spirit of team-work, nationality and a sense of responsibility for the environment and humanity.

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**Program Details:**

No.	Program Name (Degree name in Full)	Program abbreviation	INTAKE	Duration	Admission Eligibility Criteria	Affiliated University
01.	Bachelor of Science in Microbiology	B.Sc. (Microbiology)	720	3 Years	12 <sup>th</sup> Science Passed	S.P. University
	Bachelor of Science in Biotechnology	B.Sc. (Biotechnology)				
	Bachelor of Science in Genetics	B.Sc. (Genetics)				
	Bachelor of Science in Bioinformatics	B.Sc. (Bioinformatics)				
	Bachelor of Science in Environmental Science	B.Sc. (Environmental Science)				
	Bachelor of Science in Instrumentation	B.Sc. (Instrumentation)				
	Bachelor of Science in Chemistry	B.Sc. (Chemistry)				
	Bachelor of Science in Industrial Chemistry	B.Sc. (Industrial Chemistry)				
	Bachelor of Science in Mathematics	B.Sc. (Mathematics)				
	Bachelor of Science in Computer Science	B.Sc. (Computer Science)				
	Bachelor of Science in Information Technology	B.Sc. (Information Technology)				
02.	Bachelor of Computer Application	B.C.A.	120	3 Years	12 <sup>th</sup> Passed in any stream with English	S.P. University
03.	B.Sc.-M.Sc. (Computer Application & Information Technology) Dual Degree Program	B.Sc.-M.Sc. (CA&IT)	70	5 Years	12 <sup>th</sup> Science /Commerce Passed	S.P. University