



**Sardar Vallabhbhai Patel Institute Of Technology**

MCA Program

# **Report of SARJAN – 2022**

## **MCA Department**

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## MCA Department

The MCA Program commenced at SVIT-Vasad from the year 2003 onwards.

### *Vision:*

- Equip students with analytical and logical skills to become an efficient IT solution provider.
- Instill research potential amongst faculty members and disseminate the research aptitude in the students.
- Evolve knowledge society for the development of Centre of excellence.
- Enrich students with ethics, confidence, leadership qualities, communication skills and interpersonal relationships.

### *Mission:*

- Continue enriching delivery of course content to students so as to make them confident for analyzing problems and grooming them to provide solutions for real life IT applications.
- Continuously upgrade the knowledge and skills of all employees through a planned development in collaboration with industry and academic institutions.
- Motivate students to become responsible individuals.
- Encourage students to develop IT projects to meet industrial requirements.
- Educate the students so as to enhance their employability.

## Message From HOD

Name of HOD : Dr. Bijal Talati



Message: The main goal of event “SARJAN” in collaboration with industries experts is to present the ideas of our young challengers and shape them into such a form which can be beneficial to our society with their visionary suggestions. We would like to highlight the wealth of technical expertise in our students and faculties and make them enable to engage in meaningful developments with numerous business enterprises and dwell at length on actual business issues and problems. This demonstration will be an evidence for our knowledge and capabilities to be able to constitute a fundamental tool for companies aimed to diffuse a project, an idea and a vision to its audience in the right and effective way. This will show our experience of handling learning situations and delivering results to the satisfaction of our corporate patrons, built upon the extensive experience and insights of our faculties. I congratulate the students and staff members for their never-ending efforts to thrive in this competition.

## Message From Industry Expert

Name of Industry Expert : Mr. Swachil Patel

Designation : Tech. Leader

Industry : Green Apex Technolabs LLP

Message: We recommended “Smart Dustbin” projects for innovation and patents. It supports PM’s Swachh Bharat Mission. This concept is much useful in corona like conditions. It can be classified more with wet and dry concept.

Sarjan Coordinator Photo:



Prof. Ashish Joshi



Prof. Nil Gosai

### 1- Smart Dustbin

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### *Abstract*

Smart Dustbin is an innovation for upcoming generations to put used things into a dustbin without touching it. The smart dustbin has ultrasonic sensor which will adopt the distance and will pass single to aurdino and that aurdino will send single to servo motor. With the help of servo motor the working mechanism will work. The future enhancement of this project is we can use sanitizer within it to be a healthy and safety purpose.