

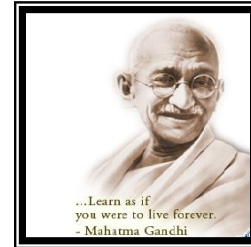
## Facilities :-

- ✓ Residing on campus is compulsory,
- ✓ Separate Hostels for Boys and Girls,
- ✓ Separate Laboratories for Microbiology, Chemistry and Physics with advanced instrumentation facilities,
- ✓ Games facilities,
- ✓ Medical facilities,
- ✓ Educational visits,
- ✓ Platform is available for students to get know-how of village culture through different activities.
- ✓ Central library facility with voluminous collection of books related with Microbiology and allied subjects as well as for various competitive exams including GPSC.
- ✓ Overall development of students through self learning activities like Udyog in the fields of Biofertilizer preparation, compost preparation, Waste water treatment, Handicrafts, House-hold utilities preparations, etc.
- ✓ Off-campus placement assistance in leading companies like INTAS, CLARIS, ZYDUS CADILA etc,
- ✓ Computer laboratory with internet facility,
- ✓ Students can avail scholarships offered by State Government as well as Central Government. Gujarat Vidyapith also offers scholarships to students under "Merit" and "Swabhiman" scholarship heads.
- ✓ Facility for Higher studies like M.Sc. and Ph.D. in Microbiology subject at the campus itself.
- ✓ GSBTM nodal centre for Bioinformatics with latest soft-wares.



## Department of Biogas Research and Microbiology, Faculty of Science and Applied Science

At & Post- Sadra, District- Gandhinagar, Gujarat- 382 320,  
Phone- 07929911120/21, 09586874250



**GUJARAT VIDYAPITH** (Deemed University)  
Ashram Road, Ahmedabad, Gujarat  
founded by Mahatma Gandhi on 18<sup>th</sup> October, 1920

**Name of the course :- B.Sc. Microbiology**

### Procedure for Admission

As per instructions placed on CUET/Gujarat Vidyapith website  
(<https://cuet.samarth.ac.in/gujaratvidyapith.org>)

### Date of Commencement of the course

As per the guidelines of CUET and Gujarat Vidyapith

**Eligibility:-**12<sup>th</sup> Standard passed with Biology 'B' (Biology/Chemistry/Physics subjects)/AB group  
**Total seats:-** 56\* (Reservation as per GoI/UGC rules)

### B.Sc. (Microbiology)

Major	General Microbiology, Soil Microbiology, Water Microbiology, Food and Dairy Microbiology, Microbial Physiology, Microbial Genetics, Immunology, Fermentation Technology, Environmental microbiology, Virology, Mycology, Medical Microbiology, Biosafety, Hematology and Blood banking, Anaerobic Microbiology, Methanogens, Bioremediation, Microbial diversity, Enzymology, Biostatistics, Bioinstrumentation, Renewable energy
Minor	Chemistry (Organic, Inorganic, Physical, Analytical, Green)
Multidisciplinary	Physics
Ability Enhancement course	English
Value added Courses	Gandhian Thought Alternative Energy Sources/Human Nutrition
Skill Enhancement Course	Udyog: Compost Preparation, Preparation of biofertilizers, Valorization of waste
Community Life	Community Life

**Multiple Exit Options: 1 Year Certificate Course, 2 Year Diploma Course, 3 Year Degree Course, 4 Years B.Sc. Microbiology Honours/ 4 Years B.Sc. Microbiology Honours with Research**

**\*NOTE**- DECISION RELATED TO NUMBER OF SEATS IN THE COURSES OFFERED IS SUBJECT TO CHANGE IN THE CAPACITY OF AUTHORITIES AND GUJARAT VIDYAPITH MANAGEMENT  
FOR LAST DATE OF SUBMITTING APPLICATIONS FOR ADMISSIONS, FURTHER DETAILS AND UPDATES REFER <https://cuet.samarth.ac.in/gujaratvidyapith.org>

**GUJARAT VIDYAPITH: AHMEDABAD**  
**Faculty of Science and Applied Science, Sadra, Dist: Gandhinagar**  
**Department of Biogas Research and Microbiology**  
**Effective from June 2023**

Broad Category of Course	<u>Course Structure: B.Sc. Microbiology (3-years UG)</u>	<u>Course Structure: B.Sc. Microbiology (4-years UG) (Honours)</u>	<u>Course Structure: B.Sc. Microbiology (4-years UG) (Honours) with Research</u>
	Credits Offered/Credits Required as per NEP	Credits Offered/Credits Required as per NEP	Credits Offered/Credits Required as per NEP
Major (Core)	<b>69+3 (DSE)= 72/60</b>	<b>105+3 (DSE)= 108/80</b>	<b>103+3(DSE) = 106/80 + 12 (Research Projects)</b>
DSE (Discipline Specific Elective)			
Minor	<b>27/24</b>	<b>39/32</b>	<b>37/32</b>
Multidisciplinary	<b>09/09</b>	<b>09/09</b>	<b>09/09</b>
Ability Enhancement course	<b>09/08</b>	<b>09/09</b>	<b>09/08</b>
Skill Enhancement Course	<b>09/09</b>	<b>09/09</b>	<b>09/09</b>
Value added Courses	<b>08/06-08</b>	<b>08/06-08</b>	<b>08/06-08</b>
Internship	<b>02/02</b>	<b>02/02</b>	<b>02/02</b>
<b>Total</b>	<b>136/120</b>	<b>184/146-148</b>	<b>180/160</b>