

BROCHURE

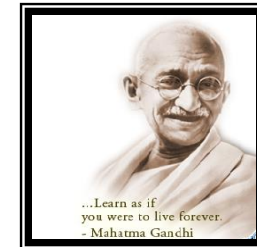
(FOR COURSES OFFERED BY THE DEPARTMENT)

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

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

MANAGED AND GOVERNED BY

Gujarat Vidyapith (Deemed University) Ashram Road, Ahmedabad, Gujarat
founded by Mahatma Gandhi on 18th October, 1920



Details of Course offered

Name of the course :- B.Sc. (Microbiology)
Duration:- 3 years (Six sem.) As per CBCS norms
Eligibility:- 12th Standard passed with Biology 'B' group
Total seats:- 56* (Reservation as per Gol/UGC rules)

Procedure for Admission

CUET and the instructions placed on website (gujaratvidyapith.org)

Date of Commencement of the course

First week of October, 2022 (Tentative)

B.Sc. (Microbiology) Course Structure (2017-18)

First Semester
Introduction to Microbial World
Physical Chemistry
Physics
English
Gandhian Thoughts
General Elective course
Udyog
Padyatra
Community Life
Hindi Gadya

Third Semester
Microbial Physiology
Soil and Water Microbiology
Organic Chemistry
Analytical Chemistry
Biomathematics and Biostatistics
English
Padyatra
Community Life

Fifth Semester	
Molecular Genetics of Prokaryotes	
Bacterial Metabolism	
Bioprocess Technology Microbiology Lab Hazards and Precautions Biosafety	Any one
English	
Padyatra	
Community Life	

Second Semester
Basic Bacteriology
Inorganic Chemistry
Physics
English
General Elective
Environmental Education
Udyog
Community Life

Fourth Semester
Microbial Diversity
Food and Dairy Microbiology
Organic Chemistry
Analytical Chemistry
Instrumentation and Biotechniques
English
Community Life

Sixth Semester	
Genetic Engineering and Biotechnology	
Virology and Mycology	
Medical Microbiology	
Fermentation Technology Quality Assurance in Microbiology Hematology and Blood Banking	Any one
English	
Community Life	

***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 gujaratvidyapith.org

Facilities :-

- ✓ Residing on campus is compulsory
- ✓ Separate Hostels for Boys and Girls,

- ✓ Separate Laboratories for Microbiology, Chemistry and Physics with advanced instruments facilities,
- ✓ Games facilities,
- ✓ Medical facilities,
- ✓ Education tour,

✓ Platform is available for students to get know-how of Village culture through Padyatra scheme.

✓ 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 CADILLA 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,