

Facilities :-

- ✓ Separate Laboratories for Microbiology with advanced instruments facilities,
- ✓ GSBTM nodal centre for Bioinformatics with latest soft-wares.
- ✓ Central library facility with voluminous collection of books related with Microbiology and allied subjects as well as for various competitive exams including NET, SET, GPSC etc.
- ✓ On-campus and Off-campus placement assistance in leading companies like INTAS, CLARIS, ZYDUS CADILLA and reputed pharmaceutical etc,
- ✓ Computer laboratory, internet facility,
- ✓ Separate Hostels for Girls and Boys,
- ✓ Outdoor & Indoor Sports facilities,
- ✓ Medical facilities,
- ✓ Education tour,
- ✓ Canteen facilities
- ✓ Overall development of students through self learning activities like Udyog in the fields of Biofertilizer & Compost preparation, Waste water treatment, Handicrafts, House-hold utilities preparations, etc.
- ✓ 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,
- ✓ Platform is available for students to get know-how of Village culture through Padyatra scheme.

Thrust areas for Research

- Anaerobic Technology
- Environmental Microbiology
- Agricultural Microbiology
- Industrial Microbiology etc.



BROCHURE

(FOR COURSES OFFERED BY THE DEPARTMENT)

Department of Microbiology, Faculty of Sciences and Applied Sciences,

At & Post- Sadra, District- Gandhinagar, Gujarat- 382 320,

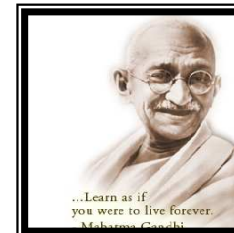
Phone- 07923274321, 07923274274

MANAGED AND GOVERNED BY

Gujarat Vidyapith (Deemed University) Ashram Road, Ahmedabad, Gujarat

founded by Mahatma Gandhi on 18th October, 1920

(Accredited 'A' by NAAC)



Details of Course offered (Duration:- 2 years (Four semesters) As per CBCS norms)

Courses	Eligibility	Total seats*
M.Sc. (Microbiology)	B.Sc. (Microbiology) with 55% Marks (Relaxation for reserved category candidates as per Gujarat Vidyapith rules)	46 (Reservation as per Gujarat Vidyapith rules)
M.Sc. (Environmental Sciences & Technology) By Research	B.Sc. in Microbiology/ Life Sciences/ Biotechnology/ Biochemistry/ Chemistry/ Environmental Science, with 55% Marks (Relaxation for reserved category candidates as per Gujarat Vidyapith rules)	10 (Reservation as per Gujarat Vidyapith rules)

*NOTE- DECISION RELATED TO NUMBER OF SEATS IN THE COURSES OFFERED IS SUBJECT TO CHANGE IN THE CAPACITY OF AUTHORITIES AND GUJARAT VIDYAPITH MANAGEMENT

Procedure for Admission

Please follow the instructions published in Advertisement

Course Structure (M.Sc. Microbiology) Core Papers & Elective Paper

First Semester		Second Semester	
Microbial Diversity	Microbial Physiology	Enzymology	Molecular Biology and Microbial Genetics
Bio-Instrumentation	Padyatra-1	Recombinant DNA Technology	Udhyog-2
Udhyog-1	Gandhian Thoughts	Fourth Semester	
Third Semester		Biostatistics and Computer Application	Research Methodology and Scientific Writing
Bioprocess Technology	Environmental Biotechnology	Dissertation Work	Udhyog-4
Microbial Technology	Padyatra-2	First Sem. Elective	
Udhyog-3		Second Sem. Elective	Third Sem. Elective
Immunology	Clinical Microbiology	Bioinformatics	Biomethanation
Forensic Microbiology	Biostatistics	Nanotechnology	Anaerobic Bioreactor Design
			Bioenergy

Date of Commencement of the courses

First week of July, 2018 (Tentative)

Course Structure (M.Sc. Environmental Sciences & Technology)

First Semester		Second Semester	
Research Methodology and Scientific Writing	Statistical Techniques and Computer Applications	Advance Analytical Techniques for Environmental Sciences	Industrial Pollution and Control Technology
Eco-technology	Environmental Pollution	Research- Part-I	
Gandhian Thoughts	Padyatra	Fourth Semester	
Udhyog	Third Semester	Sustainable Development	Environmental Management
Environmental Biotechnology	Environmental Chemistry	Research- Part-III	
Research- Part-II	Padyatra	Second Sem. Elective	
Second Sem. Elective		Third Sem. Elective	Fourth Sem. Elective
Seminar and Field Visit	Seminar and Field Visit		Presentation of Research work in Seminar / Symposium / Conference