

**Shree Manibhai Virani and Smt. Navalben Virani Science College, Rajkot
(Autonomous)**

Affiliated to Saurashtra University, Rajkot

Department of Microbiology

**Integrated B.Sc. - M.Sc. Microbiology Programme
Regulations for Students Admitted From A.Y. 2016-2017 & Onwards**

ELIGIBILITY

Candidate who has passed 02 years Higher Secondary Certificate (10+2) examination with Science subjects in respective streams of Gujarat State or any other examination recognized as equivalent thereto with a good academic record, shall be eligible for admission, subject to such other conditions prescribed by the Saurashtra University and State Government from time to time. All admissions are provisional and subject to the approval of Saurashtra University.

A candidate having the degree of B.Sc. Microbiology from any University recognized by UGC may get admission in the fourth year of this programme. But these students will get only a Degree in M.Sc. Microbiology and not 5 year Integrated B.Sc. - M.Sc. Microbiology Degree.

DURATION OF THE PROGRAMME

The Programme shall extend over a period of five years comprising of ten semesters with two semesters in one academic year. Each semester normally consists of 90 teaching days. Examination shall be conducted as continuous internal assessment (CIA) as well as semester end examination (SEE).

Options of exit and entry:

I Option of exit after 1st 3 years of study

- On earning **total 146 credits** at the end of 1st 3 years of study, a B.Sc. Degree in Microbiology will be given.

II Option of exit after 1st 4 years of study (Two certificates will be given)

- On earning **total 146 credits** at the end of 1st 3 years of study and
- On earning **52 credits** (addition to above mentioned total 146 credits, i.e. on earning **total 198 credits**) at the end of 4th year of study
- B. Sc. Degree in Microbiology and PG Diploma in Microbiology respectively, will be awarded.

III Total credits to earn 5 year Integrated PG Degree

- On earning **total 251 credits** at the end of all the 5 years of study, a B.Sc. and M.Sc. Degree viz. 5 year Integrated B.Sc. - M.Sc. Microbiology Degree will be given.

IV Option of Lateral entry in the fourth year

- Candidate entering in Fourth Year will have to earn **total 103 credits** and these students will get only M.Sc. in Microbiology and not 5 year Integrated B.Sc. - M.Sc. Microbiology Degree.
- Such candidates will not be permitted to exit at the end of fourth year of study.

STRUCTURE OF THE PROGRAMME

Each 5 years Integrated B.Sc. - M.Sc. Microbiology Programme shall have a curriculum comprising theory and practical courses with a specified syllabus. The curriculum of the programme is a blend of theory courses and practical courses as Core, Discipline Specific Electives (DSE) and Generic Electives (GE). In addition, project, internship/training and personality development courses as Ability Enhancement Courses (AEC) and Skill Enhancement Courses (SEC) shall be offered. The programme will have option of multiple exit at the end of 6th semester and 8th Semester; and option of entry in 7th Semester provided only if someone exits.

The medium of instruction and examinations shall be English except for courses on languages other than English.

EVALUATION

The evaluation shall generally comprise of Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) with percentage weightage as specified below, unless specified otherwise in the Scheme of Instruction and Examinations.

<i>Theory Courses</i>		<i>Practical Courses</i>	
Continuous Internal Evaluation (CIE)	30%	Continuous Internal Evaluation (CIE)	40%
Semester End Examination (SEE)	70%	Semester End Examination (SEE)	60%

For the purpose of computation of credits the following mechanism is adopted:

- 1 hour instruction of Theory = 1 Credit
- 1 hour instruction of Tutorial = 1 Credit
- 2-3 hours instructions of Practical = 1 Credit

ISSUE OF MARKSHEET AND DEGREE CERTIFICATE

The college shall declare the result after evaluation and with the recommendations of Result Passing Board at the end of each semester and issue the marksheet for each semester. On approval/ratification of the results by the Academic Council, the candidate will be recommended to Saurashtra University for the award of the degree on completion of all the courses and components of the curriculum.