



SARVODAYA KELAVANI SAMAJ MANAGED,

**SHREE MANIBHAIVIRANI & SMT.NAVALBEN VIRANI SCIENCE COLLEGE
(AUTONOMOUS) AFFILIATED TO SAURASHTRAUNIVERSITY, RAJKOT**

Re-accredited at the 'A' Level (CGPA 3.28) by NAAC
'STAR' College & Status by MST-DBT
A College with Potential for Excellence - CPE (Phase-I & II) by UGC
Accredited at the G-AAA Highest Grade 'A-1' Level by KCG, Govt. of Gujarat
DDU KAUSHAL Kendra by UGC
GPCB-Government of Gujarat approved Environment Audit Centre.
Nodal Center for Capacity Building by GSBTM.

**Regulations
for Students Admitted from A.Y. 2021-2022 & Onwards**

Board of Studies (BoS)

Department of Mathematics

Enclosure-I

**Shree Manibhai Virani and Smt. Navalben Virani Science College, Rajkot
(Autonomous)
Affiliated to Saurashtra University, Rajkot**

**Department of Mathematics
B.Sc. MATHEMATICS
Regulations for Students Admitted from A.Y. 2021-2022 & Onwards**

1. DEFINITIONS

In these Regulations, unless the context otherwise requires:

- 1.1 **'Programme'** means B.Sc. degree programme
- 1.2 **'Course'** means theory and/or practical subjects that are normally studied in a semester, like Calculus, Differential Equations, Linear Algebra, Complex Analysis, and Abstract Algebra etc.
- 1.3 **'Component'** means field visit, mathematical software training, or other co-curricular aspects complementing the main academic learning.

2. ELIGIBILITY FOR ADMISSION

- 2.1 Candidate who has passed Higher Secondary Certificate (10+2) examination with Science subjects (and with the Mathematics as one of the subjects) in the 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.
- 2.2 **Lateral Entry:** Candidate seeking admission directly in third semester of B.Sc. Mathematics must have passed Examination of Second Semester of B.Sc. with Mathematics from any recognized university. The result of the candidate will be declared by considering his/her marks of semester 3 to 6 in aggregate and accordingly class will be awarded.

3. DURATION OF THE PROGRAMME

The Programme

- 3.1 shall extend over a period of three years comprising of 6 semesters for candidates taking admission in 1st semester.
- 3.2 Shall extend over a period of 2 years comprising of 4 semesters for lateral entrants
- 3.3 Comprises of 2 semesters in one academic year wherein each semester normally consists of 15 weeks (90 working days) of course work, which consists of theory, laboratory and tutorial classes.

4. STRUCTURE OF THE PROGRAMME

4.1 The UG Programmes will follow the structure of CBCS of the UGC.

4.2 The UG Programmes shall have the following components of the CBCS pattern:

4.2.1 **Part I -- English Language Courses**

4.2.2 **Part II -- Courses pertaining to the main academic advocacy for obtaining a sound knowledge of Science. It shall consist of courses under different heads based on nature of the course and its learning.**

4.2.2.1 **Core courses**

4.2.2.2 **Fundamental Courses**

4.2.2.3 **Advanced Courses**

4.2.2.4 **Applied Course**

Core courses are compulsory courses identified by each Department, which give a broad base in the main field of study in the academic programme concerned. They may be theory or practical courses. They may also include dissertation, project and design courses where special emphasis is laid on the application of knowledge to real time problems.

DSE - Core Courses --- these would be departmental elective courses offered by the parent department.

Interdisciplinary core (IDC) Courses --- these would be courses offered by allied departments which would be inter-disciplinary in nature.

Trans Disciplinary Elective (TDE) Courses --- these would be courses offered by departments across the college by various departments the college. They would be multi - disciplinary in nature.

Core Enrichment courses --- which will provide learner with opportunity to identify real life problems and be able to provide the solutions of those problems.

4.2.3 **Part III -- Ability Enhancement Courses (AEC)**

4.2.3.1 **Ability Enhancement Compulsory Courses (AECC)**

4.2.3.2 **Skill Enhancement Courses (SEC)**

4.2.3.3 **Finishing School Courses (FS)**

The details of the above courses are provided in the respective Scheme of Learning & Evaluation of each Programme. These courses are to enhance the overall personality and skill of the student and are offered across the college.

5. MEDIUM OF INSTRUCTION

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

6. CREDIT POINTS

Each course / component has generally been assigned a certain number of credits to be awarded to the student according to the following pattern:

6.1	Theory	1 hr of instruction	= 1 credit
6.2	Practical		
	6.2.1	2 to 3 hrs of instruction	= 1 credit
	6.2.2	4 to 6 hrs of instruction	= 2 - 3 credits
6.3	Tutorial		
	6.3.1	2 to 3 hrs of instruction	= 1 credit

7. 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 Learning and Evaluation.

<i>Theory Courses</i>		<i>Practical Courses</i>	
Continuous Internal Assessment (CIA)	Varies from 30 percent to 40 percent based on the nature of course.	Continuous Internal Assessment (CIA)	40%
Semester End Examination (SEE)	Varies from 70 percent to 60 percent based on the nature of course.	Semester End Examination (SEE)	60%

8. ISSUE OF MARK-SHEET AND DEGREE CERTIFICATE

- 8.1 The college shall publish the result after evaluation and with the recommendations of Result Passing Board at the end of each semester. The Semester mark sheets will be issued accordingly every semester based on the above.
- 8.2 Every candidate must meet the **minimum requirements** stipulated in the respective of Learning & Evaluation and that stipulated by the College. The requirements of attendance and general Rules and Regulations passed by the various Statutory Bodies of the College must be met by the student.
- 8.3 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.