



Accredited 'B' Grade (2.67 CGPA) By NAAC
SARVAJANIK EDUCATION SOCIETY

Shree Ramkrishna Institute of Computer Education & Applied Sciences

M.T.B. College Campus, Athwalines, Surat-395 001. Ph : 2240172

Yearly report: 2022-23

Department Of Environmental Science

The academic year 2022–23 marked a stronger return to visible academic outreach, environmental awareness and interdisciplinary scientific engagement. SRKI's official institutional records show that Environmental Science was an established undergraduate and postgraduate discipline, including B.Sc. Environmental Science and M.Sc. Environmental Science programmes along with M.Sc. Environmental Science specializations in Environmental Management and Industrial Safety and Management. The Sarvajani University annual report for 2022–23 records the intake and admitted-student profile for these programmes, confirming their continued operation during the year.

Major Departmental Activities at a Glance

Sr. No.	Activity / Programme	Nature	Academic / Social Outcome
1	World Environment Day – E-Quiz on Microbial Diversity	Environmental awareness / science outreach	The Department of Environmental Science and Department of Biotechnology jointly organized an online World Environment Day quiz on microbial diversity. UNEP event 2200 participants.
2	Environmental and biotechnology interdisciplinary engagement	Academic collaboration	Environmental Science and Biotechnology were integrated through common online scientific outreach under the PARASARASVATI 20 students participated.
3	UG and PG Environmental Science teaching	Academic programme	B.Sc. and M.Sc. Environmental Science programmes continued, including specialized postgraduate pathways.
4	Research and dissertation activities	Research	Students and faculty continued environmental research, laboratory work and project-oriented learning. 6 research paper and two book chapters published by Dr. Bhavin Bhatt, Dr. Pratik Patel and Dr. Ratna Trivedi.
5	Geospatial education through IIRS outreach	Skill development	Remote sensing, GIS and GNSS remained part of the department's specialist training orientation. More than 40 students

World Environment Day and Scientific Outreach

A clearly documented activity associated with 2022–23 is the World Environment Day celebration through an online E-Quiz on “Microbial Diversity.” The activity was organized by the Department of Environmental Science and Department of Biotechnology, SRKI. The published activity description states that participants could attempt the quiz once and that qualifying participants received e-certificates. The activity is academically significant because microbial diversity is central to environmental microbiology, soil processes, nutrient cycling, biodegradation and ecosystem functioning. The joint organization by Environmental Science and Biotechnology demonstrates the department’s interdisciplinary orientation.

Academic Programmes and Student Development

The Sarvajanic University Annual Report 2022–23 records SRKI’s Environmental Science programmes. For the year, B.Sc. Environmental Science had an intake of 14 and 14 admitted students; M.Sc. Environmental Science had 12 intake and 12 admissions; M.Sc. Environmental Science (Environmental Management) had 3 intake and 3 admissions; and M.Sc. Environmental Science (Industrial Safety and Management) had 6 intake and 6 admissions. The department provided pathways connecting environmental science with environmental management and industrial safety, supporting employability and applied environmental practice. Students participated in RIO+ program under the international forest India Program and total 18 participants successfully completed the UNEP program. GPCB training to the all PG students, and visit to the Auditor laboratory and Globe Biocare.

Research Culture and Professional Orientation

SRKI records describe active intramural research, student dissertation projects, postgraduate research supervision, conference participation and consultancy/audit involvement. The academic environment therefore combined classroom learning with practical laboratory work, geospatial analysis and research exposure. The 2022–23 year can be understood as a period in which the department moved from pandemic-era digital continuity toward broader scientific outreach, interdisciplinary programmes and more conventional campus-based academic development. Two Ph.D. Students completed their Ph.D. under the Guidance of Dr. Ratna Trivedi during 2021-22 academic year. During the year two patents are granted by IPR-India for Dr. Ratna Trivedi.