

# DEPARTMENT OF ENVIRONMENTAL STUDIES



## B.Sc. Environmental Science 2023-24

FACULTY OF SCIENCE  
THE MAHARAJA SAYAJIRAO UNIVERSITY OF  
BARODA

(Accredited with "A+" Grade by NAAC)

## Vision and mission as perceived by H. H. Maharaja Sayajirao Gaekwad-III



*"The progress of a nation requires that its people should be educated. Knowledge is a necessity of man. It instills in him a desire to question and to investigate, which leads him on the path of progress. Education, in the broadest sense, must be spread everywhere. Progress can only be achieved by the spread of education. Cooperation is necessary to achieve any worthy end and this readiness to cooperate will not be found in people if they are not educated."*



# THE DEPARTMENT OF ENVIRONMENTAL STUDIES

## VISION

*The Department of Environmental Studies as a center of excellence, with expertise and facilities to disseminate quality education, perform need based research and provide solutions for mitigating local, regional, national, and global environmental issues.*

## MISSION

*The Department is Committed*

- To provide a platform for quality education as well as research and outreach activity in different areas of environmental science focusing on compassion, innovative ideas and skills towards protecting and improving the environment*
- To empower students to be good stewards of the environment*

## From the desk of Head of the Department



**Passionate about protecting the environment and preserving the planet?**  
The Department of Environmental Studies is the right place to nurture and ignite your passion.

The Department offers Bachelors', Masters' and Doctoral programmes in Environmental Science. The curriculum lays strong foundation on different aspects of basic sciences such as Physics, Chemistry, Biology, Ecology, Geography, Zoology, Mineralogy, Hydrology, Soil Science, Geology, mathematics, statistics and computer science that facilitates understanding the nature of the environment, its problems and solutions. Further emphasis is laid on Environmental Chemistry, Ecology, Biodiversity, Conservation, Climate Change, Renewable Energy, Environmental Biotechnology and Microbiology, Environmental Impact Assessment and management, Environmental laws and policies. Our students turn knowledge into action. The Environmental Science program encompasses strong field and laboratory components that enhance classroom-learning experiences.

**Place matters.** The location of Department of Environmental Studies, close to Bhukhi Kaans, the tributary of Vishwamitri river, and Sayajibaug with a rich history of wildlife heritage and huge diversity of plant species providing access to a wide variety of environmental settings and ample experiential learning opportunities to the students. The students are also given the necessary industrial exposure in terms of industrial visits and opportunities to work on industrial problems.

The department has a dedicated team of teachers with expertise in different branches of environmental science who believe in imparting knowledge to build values, attitudes and skills. Armed with the necessary professional and technical skills the students of the department find employment in different environmental fields and opportunities for research, establishing start-ups and community work.

**We welcome you to the Department of Environmental Studies to realize your dreams and embark on the journey towards a sustainable environment.**



# Department Profile

The Department of Environmental Studies began its glorious existence under *UGC Innovative Program* as a self-finance program of B.Sc. (Hons) Environment Science in the year 2000 and later introduced M.Sc. (2010) and Ph.D. (2016) programs. The Department is celebrating its 23<sup>rd</sup> year of existence with successful accomplishments of educational and societal commitments.

The curricula of the department are truly multidisciplinary in nature encompassing Botany, Zoology, Chemistry, Physics, Microbiology, Geology, Geography subjects. The Doctoral programme is interdisciplinary in nature involving mentors from Chemistry, Botany, Zoology, Statistics, Maths and Civil Engineering departments

The Department also offers Environmental Studies as a subject integrated into other programmes offered by the university and other institutes :

1. **Foundation course** to B.Sc. (Hons), BCA programmes Environmental Science, Disaster Management, Field Biology, Renewable Energy resources to M.Sc. in Cell and Molecular Biology:
2. **Green Environment** course for UG students and **Environmental Science and Disaster Management** course for Master students of Faculty of Commerce.
3. **IGNOU B.Sc. and PGD** programme in Occupational health and safety)
4. **Gujarat Forest Rangers College** (Trainee ACF/RFO)

**The Department has 04 Assistant Professors (CES), 05 Temp. Assistant Professors and 10 support staff with a student to teacher ratio of about 30:1**

The Department holds expert lectures where renowned academicians, researchers and grass root workers in the field of environmental science are invited to deliver lectures and interact with the students.

## **Course Offered**

**B. Sc. in Environmental Science**

**Seats available**

**Faculty of Science Campus: 99**

## **Other Courses Offered:**

**M. Sc. in Environmental Science**

**Eligibility:** Graduates of all branches of science and technology are eligible.

**Ph. D. in Environmental Science**

**Eligibility:** MSc in any branch of science and technology is eligible for interdisciplinary research.  
**Should have passed MSU PET/UGC NET/GATE**



# B.Sc. Environmental Science

- As per National Education Policy 2020, Department of Environmental Studies will now offer B.Sc. program of 4-year duration with multiple entry and exit points as well as reentry options.
- The courses offered at UG program will incorporate Multidisciplinary courses, Ability Enhancement courses, Skills Enhancement courses, and Value-added courses.
- Maximum duration for completing 4-year B.Sc. program offered will be 7 years.
- A student who has opted to exit before the successful completion of a B.Sc. program will have an option to re-enter the program within three years and complete the program within the stipulated maximum period for the program.
- A student can avail Re-entry option only once during the tenure of the program.

- **Certificate in Environmental Science:** Students who opt to exit after completion of the first year and have secured required credits will be awarded the **Certificate in Environmental Science.**
- **Diploma in Environmental Science:** Students who opt to exit after completion of the second year will be awarded the **Diploma in Environmental Science.**
- **Bachelor of Science:** Students who opts to exit after completion of the third year will be awarded the **Bachelor of Science in Environmental Science.**
- **Bachelor of Science (Honors with Research):** Students of 4-year B.Sc. program who successfully complete 4 years, with a rigorous research project/ dissertation will be awarded the **Bachelor of Science (Honors with research) in the Environmental Science.**

# B.Sc. Environmental Science

## Proposed Syllabus to be implemented from AY 2023-24

### FS BSC I (Major/Minor)

ID	Title	Credits
	Principal	
ENV1101PT	Fundamental of environmental science	04
ENV1102PT	Basics of environmental analytical techniques	04
	Total	08
	Minor 1	
ENV1101MT	Environmental chemistry	02
ENV1102MT	Environmental physics	02
ENV1103MT	Environmental Biology	02
ENV1104MT	Communication skills	02
	Total	08
	Minor 2	
ENV1101MTL	Basics of Environmental analysis – laboratory -P	04
ENV1102MTL	Basics of Environmental monitoring – field – F	04
	Total	08

### SS BSC I (Major/Minor)

ID	Title	Credits
ENV1201PT	Natural resources management	04
ENV1201PT	Fundamentals of ecology	04
	Total	08
	Minor 1	
ENV1201MT	Green environment	02
ENV1202MT	Environmental data management	02
ENV1203MT	Earth science	02
ENV1204MT	Atmospheric science	02
	Total	08
	Minor 2	
ENV1201MTL	Field ecology techniques – p	04
ENV1202MTL	Environmental data management – p	04
	Total	08



## FS BSC II

ID	Title	Credits
ENV1301PT	Environmental Pollution	04
ENV1302PT	Pollution Management	04
ENV1303PL	Environmental pollution assessment – P	04
	Total	12
	Minor	
ENV1301MDC	Computer application	4
ENV1302MDC	Environmental statistics	2
	Total	6
	AEC	
ENV1301AEC	Field visit – pollution management	2
	Total	2
	VAC	
ENV1301VAC	Microbial Ecology	2
	Total	2

## SS BSC II

ID	Title	Credits
ENV1401PT	Environmental Biotechnology and Microbiology	04
ENV1402PT	Advanced analytical techniques, remote sensing and GIS	04
ENV1403PL	Environmental Biotechnology and Microbiology Lab – p	04
	Total	12
	<b>MDC</b>	
ENV1401MDC	Sustainable Development and Climate Change	2
ENV1402MDL	Advanced analytical techniques, remote sensing and GIS – P	4
	Total	6
	AEC	
ENV1401AEC	Environmental Advocacy and Public Speaking –P	2
	Total	2
	VAC	
ENV1401VAC	Sustainable agriculture	2
	Total	2

## FS BSC III

ID	Title	Credits
ENV1501PT	Solid and hazardous waste management	04
ENV1502PT	Liquid waste management – p	04
ENV1503PL	Solid waste management – p	04
ENV15XXEL	Elective1	04
ENV15XXEL	Elective 2	04
	SEC	
ENV1501SEC	Coding and Programming	02
	Total	22

*Elective-I and Elective-II are to be selected from the following List*

Applications of Remote Sensing and GIS Lab (4)

Disaster Risk Assessment Lab (4)

Applied Ecology Lab

Environmental Biotechnology Lab

Integrated waste management Lab

Environmental geoscience Lab

## SS BSC III

ID	Title	Credits
ENV1601PT	Biodiversity conservation	04
ENV1602PT	Environment and public health	04
ENV1603PT	Landscape and urban planning	04
ENV16XXEL	Elective3	04
ENV16XXEL	Elective 4	04
	SEC	
ENV1601SEC	Data presentation	02
	Total	22

*Elective-III to Elective-IV are to be selected from the following List*

Applications of Remote Sensing and GIS Lab (4)

Disaster Risk Assessment Lab (4)

Applied Ecology Lab (4)

Environmental Biotechnology Lab (4)

Integrated waste management Lab (4)

Environmental geoscience – lab (4)



## FS BSC IV

ID	Title	Credits
ENV1701PT	Environmental legislation and Environmental Management System	04
ENV1702PL	Research Methodology and Scientific Communication	04
ENV1703PT	Environmental Health, Safety and Disaster Management	04
ENV1704PL	Demography, Environmental Economics and Natural Resource Management	04
ENV1705PL	Statistical and computational analysis and documentation Lab	04
ENV1706PL	Environmental Impact Assessment and Auditing Lab	04
ENV1707PF	Field Visit	02
	Total	26

## SS BSC IV

ID	Title	Credits
ENV1801PF	Field Visit	02
EMV1802CV	Comprehensive viva	04
ENV 18XXPR	Dissertation proposal	02
ENV18XXPR	Project/ Internship/ Dissertation	12
ENV18XXPR	Dissertation defence	
	Total	22

# Industrial Training and Dissertation

Students visit industries to acquaint themselves with environment related issues. In final Semester, the students are deputed to an industrial unit/environment related organization for practical training. Many students carry out their Dissertation in the industries. Some of the organizations where practical training is being conducted include the following:

## Association with Industries/Organizations

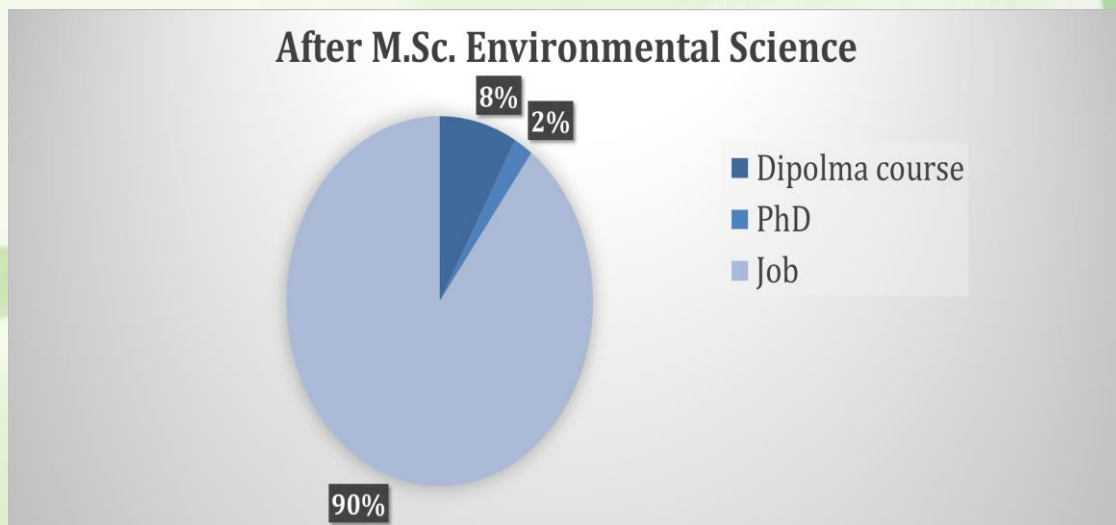
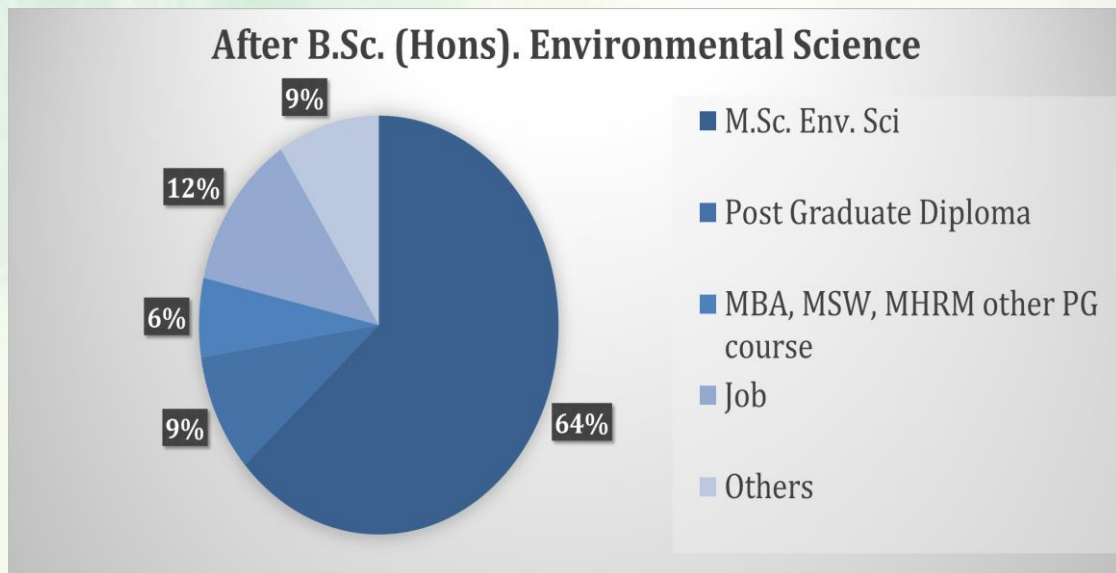


## Dissertation Thrust Areas

- Removal of pollutants using chemical and biological approaches, Enzyme technology, Eco-centric and low-cost water treatment.
- Disaster Risk Assessment and Mitigation, Biodiversity mapping and Coastal Ecology.
- Remote Sensing, Groundwater Monitoring & Assessment and Hydro-geochemistry.
- Carbon Sequestration and Constructed Wetlands.
- Bioremediation and Biodegradation.
- Climate change mitigation and enhancing livelihood option.



# Students progression



## Career progression, scope and placements

**Career Options:** EHS departments of industries, environmental consultant, Environmental auditor viz., energy audit, water audit etc., Research institute as research fellow/ scientist, teaching school, colleges etc.

**Academic Options:** Masters and PhD in Environmental science, Social work, Business administration, biotechnology and allied field. B.Ed, M.Ed, LLB, LLM. PG diploma courses in disaster management, climate change, resource management etc.

**Placements:** Major recruiters for our students include CEE, Ahmedabad; GPCB, Kadam consultants, Green Circle, Paramount consultants, Parul university, GEER foundation, Gandhinagar etc.

## **Ongoing Research Projects**

- Vadodara Municipal Corporation Sponsored Project worth Rs 8,23,000 entitled "Limnological Survey of Ajwa Reservoir with respect to Agricultural runoff"
- GSBTM Sponsored Project worth Rs. 46,00,712 entitled Polyhydroxyalkanoate/chitosan/magnetite composite- Synthesis, Characterization and potential Applications

## **Major Areas of Research**

Climate Change and Mitigation

Environmental Monitoring

Environmental Biotechnology

Environmental Modelling

Environmental Impact & Risk  
Assessment

Water and Waste Water Technologies

Waste management

Disaster Mitigation

Environmental Materials

Environmental Fluid Mechanics

Environmental Statistics

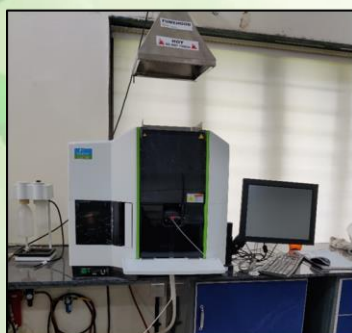


# DEPARTMENTAL FACILITIES

## Infrastructure

Sr. No	Facilities	Salient Features
1	Classrooms	Equipped with audio-visual presentation facilities
2	Research labs(2)	UV-Visible Spectrophotometer, AAS, BOD incubator cum shaker etc.
3	UG and PG laboratories(3)	For physical, chemical as well as biological analysis and monitoring.
4	Computer Laboratory	More than 25 high end computer systems with installed GIS software
5	Department Library	Harbouring more than 600 books and journals of environmental studies

## Instrumental facilities



Atomic Absorption Spectrophotometer (PerkinElmer: PinAAcle 500)



BOD incubator cum shaker



UV- Visible Spectrophotometer (Agilent Technologies; Carry 60)



Refrigerated centrifuge



Flame-photometer



Respirable dust sampler



Gaseous pollutant sampler



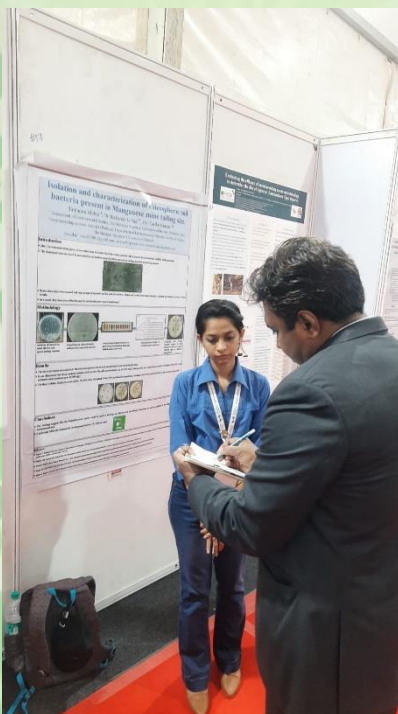
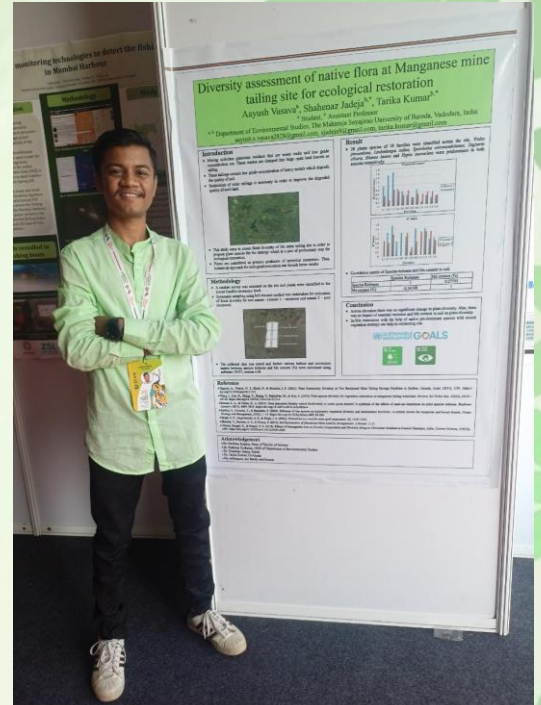
Microscopic system fitted with microscopic camera (CC130: CatCam 130; 1.3 MP)



# Pledge to save Environment



## Student's Participation in Conferences/Events





# Student's Outdoor Learning





# Departmental Fest





## **ADMISSION PROCEDURE**

The application form is to be filled online only.

The students who have applied and fulfil the criteria of minimum qualifications for eligibility can appear in entrance examination.

A written Entrance Test will be conducted for deciding admission to the programme. The admissions will be strictly based on the merit of marks obtained in written Entrance Test.

## **INTAKE CAPACITY**

**Faculty of Science Campus 99**

## **ELIGIBILITY CRITERIA**

To appear in entrance test, following eligibility criteria is to be fulfilled:

**A candidate must have passed H.S.C. (Science) Examination of Gujarat State or CBSE or any other State Board or an equivalent examination with minimum 40% of marks in aggregate as a regular student with English as one of the subjects.**

**Candidates who have appeared for final year of the qualifying examination may also apply and appear in the Entrance Test. However, their admission will be confirmed only on the submitting original mark sheet of the qualifying examination and fulfillment of eligibility requirement, at the time of Admission.**

## CRITERIA FOR CASTE-WISE RESERVATION AND OTHER QUOTA

Government of Gujarat rules for the reservation quota shall be applicable: **SC: 7%, ST: 15%, SEBC: 27%, General: 51%.**

All original certificates should be produced for verification at the time of admission. If any relevant certificate is not produced at the time of admission, the student will **NOT** be considered for particular reservation category.

A student, irrespective of her/his reservation category, for admission, will be first considered for GENERAL category as per the marks secured.

a). The certificates of **SC and ST students of other than the Gujarat state** should be issued from the competent authorities of their state/UT and suggesting that their caste / Tribe are recognised nationally under such category.

b). The applicants of **SEBC category** are required to produce a valid **non creamy layer certificate** from competent authority.

c). There will be 10 % supernumerary seat (additional seats over and above the total number of seats) reservation of the total seats for Economically Weaker Sections (EWS). Within this 10% quota, 33% seats shall be further sub-reserved for female students belonging to the same Economically Weaker Sections.

d). Reservation for physically disabled students: **5% seats of the total seats (to be included under each different category with in the limit of total reservation under a particular reservation category like SC/ST/SEBC/GEN) are reserved for the persons with benchmark disability in accordance with the provisions of the section 32 of the rights of persons with Disabilities ACT, 2016. They should produce a current/recent year certificate of Civil Surgeon stating the type of disability, extent (%) of disability and state (Progressive/ non-progressive) of disability. Only those students who have minimum 40% disability are eligible to be considered for the reservation.**

e). Reservation for Defence & Ex/In- Servicemen: **1% seats of the total seats (to be included under each different category with in the limit of total reservation under a particular reservation category like SC/ST/SEBC/GEN) are reserved for wards of Defence & Ex/In-Servicemen.**



**f). Reservation for Kashmiri Migrants: 1% supernumerary seat reservation quota** (Additional seats, NOT included under each different category with in the limit of total reservation under a particular reservation category like SC/ST/SEBC/GEN).

**g). Advantage to Sports Persons: Please note that the benefit to sports persons is granted ONLY if the student has participated/ awarded medals in State level or higher level competitions.**

- i. Students who participated at State level: 3% marks to be added to their eligibility marks**
- ii. Students who won medal at State level or participated at National level: 5% marks to be added to their eligibility marks**
- iii. Students who have won medal at National level or participated / won medal at International level: to be granted Direct admission.**

**h). Reservation for wards of MSU Staff: 01% supernumerary seat reservation quota** (Additional seats, NOT included under each different category with in the limit of total reservation under a particular reservation category like SC/ST/SEBC/GEN) only in Regular Payment Fee Category for the wards of the permanent or temporary employees of The Maharaja Sayajirao University of Baroda. They should produce relevant documents at the time of admission.

**If the seats remain vacant after stipulated admission rounds in the SC or ST reservation categories, then these seats can be interchanged among SC and ST.**

**After granting admission to all the students of any reserve category on respective reserve seats, if the reserved category seats remain vacant then these shall be transferred to General (Unreserved) category seats.**

**Supernumerary seats which remain vacant shall NOT be transferred to any other category.**

**Admission Fees is to be paid through online mode only**

**CASH/CHEQUE OR ANY OTHER MODE OF TRANSACTION IS NOT ACCEPTED**

# INSTRUCTIONS TO THE CANDIDATES

- Admissions will be strictly based on the merit. Just fulfilling the eligibility criteria DOES NOT GUARANTEE admission. The admission to the course is PURELY TEMPORARY and subjected to various scrutiny till the unique Permanent Registration Number (PRN) is generated.
- Sexual harassment will lead to severe punishments like suspension, rustication from the University / College/ Institution. Disciplinary action is as prescribed under The M. S. University of Baroda rules.
- Ragging is prohibited on MSU Campus, ragging is a criminal offence and is liable to severe punishment, including suspension, rustication and imprisonment.
- **Compulsory Thalassemia Blood Screening:** Thalassemia blood testing is made compulsory by Government of Gujarat. Final Eligibility of any student for admission to any course to this University will be granted ONLY after she/ he submits report of the Thalassemia blood screening. Students are encouraged to get the test done and submit the report at the time of Admission. Those students who already have a Thalassemia Test Report done earlier, need not get it done again. They can submit copy of earlier report.
- If the information provided by the candidate is incorrect or if any unfair practice is followed or the candidate is unable to submit any of the required certificates in the stipulated time period, his/ her admission is liable to cancellation.

## Maintenance of Stipulated Attendance of Students (Ordinance 183)

The following shall be the minimum attendance necessary

- i. In a semester an overall attendance of at least 75% of the number of lectures delivered and tutorials, seminars etc. arranged in all subjects, provided the total attendance in each of the subjects offered is at least 60%.
- ii. In a semester an overall attendance of at least 80% of the days allotted for practical classes and laboratory work in each subject.



## General rules governing the conduct of students in the university

- A student must do nothing either inside or outside the University that will interfere with its orderly working and discipline.
- This comprehensive rule covers most cases that are likely to arise. It forbids:
  - i. Impolite or unseemly behaviour in classroom or University premises during working hours of the College and the Faculty.
  - ii. Attempt to persuade other students to abstain themselves from regular classes.
  - iii. Damage to or defacement of University furniture, fittings and property.
  - iv. Disobedience of notifications or instructions issued by the Principals/Deans/Heads of the Departments and Members of the staff duly authorized.
- As per UGC regulation, stipulated attendance (Ordinance 183) is required for permitting students to appear for final examination. If unavoidably absent on account of health, urgent private affairs or other reasons, they must be prepared to state the exact reason for absence.
- Students are expected to behave with courtesy towards the members of the staff, their fellow students and all visitors to the Institution.

## GRADE POINT SYSTEM

A system comprising of 7 grade points (4 to 10) will be followed for evaluating a candidate in every course. Both mid-semester and end-semester exams are counted for final grade points.

Grade Points	Description	Percentage of Marks	Division/ Grade	Range		
10	Outstanding	90% - 99%	First / O	Above 9.01	CGPA	Class
9	Excellent	80% - 89%	First / A	8.01 – 9.00	CGPA < 4	Fail
8	Very Good	70% - 79%	First / B	7.01 – 8.00	4 = CGPA < 5	Pass Class
7	Good	60% - 69%	First / C	6.01 – 7.00	5 = CGPA < 6	2nd Class
6	Fair	50% - 59%	Second / D	5.01 – 6.00	6 = CGPA < 7	1st Class
5	Average	40% - 49%	Pass / E	4.01 – 5.00	CGPA ≥ 7	Distinction
4 – 0	Dropped	Below 40%	F	Below 4.00		

$$\text{Grade Point Average} = \sum (\text{Credit} \times \text{Grade Point}) / \text{Total Credits}$$

## AWARD OF CLASS

Marks-sheets of semester I to V of B. Sc. will simply indicate result as either Pass or Fail or ATKT but not the class which will be indicated in the last Semester mark sheet. Cumulative Grade Point Average (CGPA) is computed as:

$$\text{CGPA} = \sum (\text{Semester credits} \times \text{GPA}) / \text{Total Semester Credits}$$

The sum is taken over from Sem-I to Sem-VI for B. Sc.

## CRITERION FOR B.Sc. DEGREE AWARD

For obtaining B.Sc. degree, a candidate has to earn minimum 144 credits during the programme.

# **B.Sc. ADMISSIONS AND ENTRANCE TEST**

## **2023-24 (Offline Mode)**

- Students who have passed their HSC exam in April/May 2021 or 2022 are also eligible to appear for the Entrance Test.
- Student who has appeared in qualifying examination can file online application and can appear in entrance test. Admissions are granted on the basis of merit list of marks obtained in entrance test, however, for final admissions; student should have minimum eligibility at qualifying exam.

**Total 50 Multiple Choice Questions (100 marks) with one correct answer will comprise the test paper. The syllabus of 12<sup>th</sup> Standard Science Stream, Gujarat Board is considered as the basis for the Entrance Test (HSC Syllabus summary included in this section).**

**The subject-wise distribution of marks is as below:**

<b>Current Environmental Issues &amp; Challenges</b>	<b>20</b>
<b>Biology</b>	<b>30</b>
<b>Chemistry</b>	<b>30</b>
<b>Physics</b>	<b>20</b>

Further details at Written Test Syllabus URL: [View Written Test Syllabus](#)  
**Keep visiting the website <https://admission.msubaroda.ac.in> for updates regarding date of examination and other details.**

**Following the Entrance Test, the question paper, answer key and candidate-wise mark sheet will be uploaded on University website**

**The Merit/ Provisionally Admitted Student's List will be declared separately, reservation category-wise, on the university website.**

**Some important contacts for details of the department**

**Prof. P. Padmaja (09376214733)**

**Dr. Neha Singh (09409265400)**

**Dr. Bablu Prasad (07435909032)**

**Dr. Tarika Kumar (07846833999)**

**Dr. Manthan Tailor (09016509653)**



# Broad Topics of Syllabus for B.Sc. Entrance Exam

## Biology

Transport in Plants, Mineral Nutrition, Photosynthesis, Respiration Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products And Their Elimination, Locomotion and Movement, Organisms and Population, Ecosystem, Biodiversity and Conservation, Environmental Issues. Neural Control and Coordination In Animals, Chemical Coordination and Control, Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Growth and Development in Plants, Human Reproduction, Reproductive Health, Heredity and Variation, Molecular Basis of Inheritance, Evolution, Biotechnology: Principles and Processes, Biotechnology and its Applications

## Chemistry

Solid State, Solutions, Electrochemistry, General Principles and Processes of Isolation of Elements, p-Block Elements II, Haloalkene and Haloarenes Compounds, Alcohol, Phenol and Ether Compounds. Chemical Kinetics, Surface Chemistry, d-and f Block Elements, Complex Salts or Co-ordination Compounds, Aldehydes, Ketones and Carboxylic Acids, Organic Compounds Containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday Life

## Physics

Electric Charge and Electric Field, Electrostatic Potential and Capacitance, Current Electricity, Magnetic Effects of Electric Current, Magnetism and Matter, Ray Optics, Dual Nature of Radiation and Matter. Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Waves Optics, Atoms, Nucleus, Semiconductor Electronics: Materials, Devices and Simple Circuits, Communication Systems

**The Maharaja Sayajirao University of Baroda Website:  
[www.msubaroda.ac.in](http://www.msubaroda.ac.in)**

**The Maharaja Sayajirao University of Baroda Admission Portal:  
[admission@msubaroda.ac.in](mailto:admission@msubaroda.ac.in)**

**The information contained herein is for general guidelines only.  
For further information contact Faculty Administration:**

**DEAN: PROF. H R KATARIA  
Email: [dean-science@msubaroda.ac.in](mailto:dean-science@msubaroda.ac.in)**

**Students' Coordinator: Prof. M N Srinivas  
Email: [deanstudents-science@msubaroda.ac.in](mailto:deanstudents-science@msubaroda.ac.in)**

**Sports Coordinator: Ms. Shilpa Gupta  
Email: [deansports-science@msubaroda.ac.in](mailto:deansports-science@msubaroda.ac.in)**

**Teacher Supervisors: Dr. Rupal Shah, Dr. Hetal Roy  
Email: [ts1-science@msubaroda.ac.in](mailto:ts1-science@msubaroda.ac.in)**

**Coordinator at Sir C V Raman Building: Dr. R. N. Jadeja  
Email: [unitcoordinator-science@msubaroda.ac.in](mailto:unitcoordinator-science@msubaroda.ac.in)**

**CBCS Coordinator: Ms. Bharati M Pamnani  
Email: [cbcscoordinator-science@msubaroda.ac.in](mailto:cbcscoordinator-science@msubaroda.ac.in)**

**Office Superintendent: Mr. K M Damor  
Ph: 0265 2795329 (office)  
Mob: 8141332160 (during office hours only)**





सत्यं शिवं सुन्दरम्

“The full-blown lotus growing out of the lake symbolises the emergence of the mind and its triumph over matter. The flame rising from the centre of the lotus is the flame of the human knowledge, spreading light and learning for the coming generations. The motto inscribed below the lotus defines the purpose and existence of life which is love of beauty, goodness and intellectual curiosity.”

## महाराजा सयाजीराव विश्वविद्यालय गीत

अमे वडोदराना विद्यापीठना सपना सारवनारा  
अमे ज्योत जलावी सृष्टी नवली सहसा सर्जनहारा.

अमे गगमकुसुम कर धरनारा  
अमे मगन मगन थई फरनारा  
अगन बाथ अमे भरनारा  
अमे दैन्यतिमिरने हरनारा.

श्री सयाजी विद्यापीठना ज्ञानदीपने धरनारा  
सत्यं शिवं सुन्दरम् नो मंत्र अनंतर भणनारा.

सयाजीराव