

Bachelor of Science in Environmental Science
[3 Years Regular/4 Years (Honours/Honours with Research)]

Faculty of Applied Sciences

Parul University

Teaching and Examination Scheme for Batch 2023-24

(**NOTE:** A credit is a unit by which the coursework is measured. It determined the number of hours of instruction required per week over the duration of a semester (Minimum 15 weeks/90 days))

1. 1 Theory Credit = 15 hours of academic activity engagement in a semester
2. 1 Credit of (Practical/Internship/workshop-based activity/ Self-Learning-Online/Offline) = 30 Hours of engagement in a semester
3. 1 Credit of Experiential learning (Field Visit/ Industry Visit)/ Assignments = 40-45 hours of engagement in a semester.
4. Research Project/Dissertation: Entire Seventh & Eighth Semesters (12 Credits)

T = Theory, P = Practical, CE = Continuous Evaluation

Semester 1

[illegible]

Semester 2

[illegible]

Semester 3

[illegible]

Semester 4

[illegible]

Semester 5

[illegible]

Semester 6

				Teaching Scheme (Hours / Week)			Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
NCrF Credit Level	Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int.+Ext.	Int.+Ext.	
		Major (Discipline Specific Course)												
5.5	11011406DS01	Environmental Monitoring	3	3	-	-	20	-	20	60	-	40	-	100
	11011406DS02	Environmental Economics	3	3	-	-	20	-	20	60	-	40	-	100
	11011406DS03	Environmental Toxicology	3	3	-	-	20	-	20	60	-	40	-	100
	11011406DS04	Sustainable Agriculture & Organic farming	3	3	-	-	20	-	20	60	-	40	-	100
	11011406DS05	Lab 1 Environmental Monitoring	2	-	4	-	-	20	-	-	30	-	25	50
	11011406DS06	Lab 2 Toxicological Analysis	2	-	4	-	-	20	-	-	30	-	25	50
		Ability Enhancement Course -5												
	00019306AE01	Professional Ethics and Communication	2	-	-	-	-	-	100	-	-	40	-	100
	11011406IN01	Internship/Mini Project-1 (in Major Specific Course)	4	-	8	-	-	40	-	-	60	-	50	100
		Total	22											

Internship Guidelines: 30 days (120 Hrs.)

Semester 7

				Teaching Scheme (Hours / Week)			Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
NCrF Credit Level	Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int.+Ext.	Int.+Ext.	
6.0		Major (Discipline Specific Course)												
	11011407DS01	Environmental Statistics	3	3	-	-	20	-	20	60	-	40	-	100
	11011407DS02	Environmental Ethics	3	3	-	-	20	-	20	60	-	40	-	100
	11011407DS03	Remote Sensing & GIS	3	3	-	-	20	-	20	60	-	40	-	100
	11011407DS04	Coastal Zone Management	3	3	-	-	20	-	20	60	-	40	-	100
	11011407DS05	Lab 1 Remote Sensing & GIS	2	-	4	-	-	20	-	-	30	-	25	50
	11011407DS06	Lab 2 Statistical Analysis	2	-	4	-	-	20	-	-	30	-	25	50
	11011407IN01	On Job Training (OJT)- in Major Specific (for Honours Degree)	6	-	12	-	-	60	-	-	90	-	75	150
	OR													
		1 subject of Major/Minor discipline relevant of 4 credit (for Honours Degree)	4											
		1 subject of Major/Minor discipline relevant SEC course of 2 credits (for Honours Degree)	2											
	OR													
	11011407RP01	Research Project in Major Specific course (For Honours with Research degree)	6	-	12	-	-	60	-	-	90	-	75	150
	Total		22											

Research Project Guidelines:

Advanced – level disciplinary/interdisciplinary courses related to topic selection and research methodology and initial stage of research will be conducted like: determining the definition of the information needed, determining the methods of collection of qualitative and quantitative data, conducting secondary data analysis etc.

On-the-Job Training Guidelines: 45 days (180 Hrs.)

Semester 8

[illegible]

Research Project Guidelines:

The final semester will be devoted to seminar presentation, preparation, and submission of research project report/dissertation. The project work/dissertation will be on a topic in the disciplinary programme of study or an interdisciplinary topic.

On-the-Job Training Guidelines: 45 days (180 Hrs.)

Note: Course Curriculum from 4th Semester up to 8th semester may undergo revision. Any revision to this effect will be uploaded on the University Website. Students are requested to visit the University Website for any updates related to the revision in the course curriculum or shall contact Dean/HoI/Hod for the same.