



KADI SARVA VISHWAVIDYALAYA

Value Added Courses

VAC207-2C Disaster Management

(For BCA / B.Sc All Semester 4)

**KADI SARVA
VISHWAVIDYALAYA,**



GANDHINAGAR

B.Sc. Curriculum as Per NEP

**Value Added Course (VAC) Subject Syllabus
Semester 4**

W.E.F. June 2024



KADI SARVA VISHWAVIDYALAYA

Value Added Courses

VAC207-2C Disaster Management

(For BCA / B.Sc All Semester 4)

RATIONALE OF STUDY: To learn about the area of environment science with selection of elective paper. This paper is designed to enable students to acquire basic understanding of the environment, environmental disasters and its management. It also provides information about mitigation methodology for the environmental disasters. It also gives information about psychological health and mental therapies and social awareness.

LEARNING OUTCOMES:

The students will learn about the basic concepts of disaster management.

TEACHING AND EVALUATION SCHEME:

The objective of evaluation is not only to measure the performance of students, but also to motivate them for better performance. Students are evaluated on the basis of their regular attendance in classroom & external (24 marks) university examination.

Subject Code	Subject Title	Teaching Scheme	Credits	Examination Scheme			Total Marks
				Hrs.	Max Marks		
		Theory Hrs Per Week			CCE	SEE	
VAC207-2C	Disaster Management	2	2	2	25	25	50

Course Content

Unit I	Number of Lectures : 15	Weightage: 50%
<ul style="list-style-type: none">• Introduction Disaster: Understanding the concepts and definitions of Disaster - 2hrs• General concepts of disaster : Hazard, Vulnerability, Risk - 4hrs• Introduction, Primary concept, approaches to disaster risk reduction for disaster management-3 hrs• Various steps during pre-disaster management : Risk Assessment and Analysis - 3hrs		
Unit II	Number of Lectures : 15	Weightage: 50%
<ul style="list-style-type: none">• Management during disaster and post disaster: Types, Trends, Causes, Consequences and Control of Geological Disasters (earthquakes, landslides, tsunami); Hydro Disasters (floods); biological disaster (forest fire); technical disaster (chemical, nuclear); global disasters trends (climate change and urban disasters)		



KADI SARVA VISHWAVIDYALAYA

Value Added Courses

VAC207-2C Disaster Management

(For BCA / B.Sc All Semester 4)

References:

1. Modi C D & others (2006) Paryavaran and AapattiVyavasthapan [Gujarati], Swami prakashan, Patan- 384265
2. Patel J C (2006) Paryavaran and disaster management [Gujarati], Parshwa publication, Ahmedabad-380001
3. ErachsBharucha(2008,firstedition)ParyavaranAdhyayan[Gujarati],Orient Longman Pvt. Ltd., Hyderabad.
4. Distributor: M/S Himanshu book company, 06-07 Shri JayendrapuriBhavan, Ellisbridge, New Sanyas Ashram, Ahmedabad – 380 006.
5. K RamanaMurthi, 2004 Disaster Management, Dominant Publishersand Di sributors, New Delhi -110002