

**Sardar Patel University**  
**B.A. (Semester-2)**  
(Effect from Dec.2019)  
Ability Enhancement Compulsory Course  
UA02AENV22 : Environmental Science & Sanskrit

		<b>Unit-1-</b> - Meaning and Definition of Environment - Classification of Environment - Elements of Environment - Meaning of Environmental Education
		<b>Unit-2</b> - Concept of Eco-System - Structure and Function of Ecosystem - Types of Ecosystem - Energy flow in Ecosystem, Ecology, Food web and Ecological Pyramid
		<b>Unit-3</b> - Global Warming - Meaning Of Pollution and Pollutant and Classification of Pollutant - Importance of Air (Vayu) & Controlling Measures of Air Pollution in Vaidik Literature - Importance of Water (Jala) & Controlling Measures of Water Pollution in Vaidik Literature
		<b>Unit-4</b> - Importance of Land (Bhumi) & Controlling Measures Land Pollution in Vaidik Literature. - Importance of 'Vanaspatti'(Vegetation) & Plan to Protect 'Vanaspatti' in Vaidik Literature - Plan to Protect Environment by 'Yagna' in Vaidik Literature - Environment in the Literature of Mahakavi Kalidasa

**Reference Books:**

- 1) पर्यावरण अभ्यास. अरय लडुया, ओरिअेन्टल ब्लेक स्वान प्राईवेट लिमिटेड, मुंबई
- 2) पर्यावरण अभ्यास. डी. बी. के. लडु, डी.अेम.सी. पटेल, डी.टी.अु.गोहिल,, न्यु पोप्युलर प्रकाशन, सुरत,2008-09
- 3) पर्यावरण. प्रो.हेमन्तकुमार शाह, नीरव प्रकाशन, अमदावाड.
- 4) पर्यावरणनो अभ्यास. बी.अे.शाह प्रकाशन, अमदावाड.
- 5) वेदो में पर्यावरण. दया दवे, सुरभि पब्लिकेशन, जयपुर ।
- 6) संस्कृत- वाङ्मय में पर्यावरण. डॉ. शंकर लाल शास्त्री, हंसा प्रकाशन, जयपुर, 2009

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