

**SARDAR PATEL UNIVERSITY**  
**Programme: BA (Geography)**  
**Semester: VI**  
**Syllabus with effect from: December 2013**

<b>Paper Code:</b> UA06CGEO19	<b>Total Credits: 3</b>
<b>Title Of Paper:</b> Geography and Natural Hazards	

Unit	Description in detail	Weightage (%)
<b>1</b>	<b>Introduction:</b> Definition and meaning of Disaster. Approaches to study man environment relationship. Importance of Disaster Studies Aims and objectives of studies.	
<b>2</b>	<b>Environmental Hazards:</b> Concept of environmental hazard, environmental disaster and environmental stress. Classification of environmental hazards. <b>Physical:</b> i) Earthquake ii) Volcano iii) Landslides iv) Tsunami <b>Atmospheric:</b> i) Cyclone ii) Flood iii) Drought	
<b>3</b>	<b>Manmade Disaster:</b> Forest Fire Pollution i) Air ii) Water iii) Noise iv) Soil degradation	
<b>4</b>	<b>Emerging environmental issues:</b> Global warming Population explosion Desertification Soil degradation	
<b>5</b>	<b>Unit-5 Management of Environmental Hazards:</b> Hazard awareness, pre-hazard conditions, warning & precautions Post-hazard conditions Rescue Rehabilitation	

**Basic Text & Reference Books:**

- Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad
- Alexander, D. (1993): Natural Disasters. UCL Press Ltd., London
- Environmental Geography and Natural Hazards, A.A.Pirazizi Concept Publication Co. New Delhi
- Disaster Management : Ed. Vinod Sharma, National Center for Disaster Management, Indian Institute of Public Administration, Indraprastha Estate, Ring Road New Delhi 110002
- Hand Book of Effective Disaster: Recovery, Planning, Mc Grow Hill Publication London.
- Disaster Management; Future challenges and opportunities Editor: Jagbir Singh I.K. International Publishing House Pvt. Ltd. New Delhi

