SRI VENKATESWARA UNIVERSITY

B.A/B.Sc. DEGREE COURSE IN GEOGRAPHY

SEMESTER SYSTEM WITH CBCS

SEMESTER V

W.E.F. 2022-2023

Skill Enhancement Courses (SECs) for Semester V, from 2022-23

(Syllabus with Learning Outcomes, References, Co-curricular Activities & Model Q.P. Pattern)

Structure of SECs for Semester–V

Course Number	Name of Course	Hours/Week Theory + Practical	Credits Theory+ Practical	Marks	
				IA–20 FW- 05	Sem End T+P
6B	**ENVIRONMENTAL GEOGRAPHY**	3+3	3+2	25	75+50
7B	**DISASTER MANAGEMENT**	3+3	3+2	25	75+50

Note: *One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate skills related to the domain subject in students. The syllabus of SEC will be partially skill* oriented. *Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situations.*

SRI VENKATESWARA UNIVERSITY

B.A/B.Sc. DEGREE COURSE IN GEOGRAPHY

SEMESTER SYSTEM WITH CBCS

SEMESTER V

W.E.F. 2022-2023

6B ENVIRONMENTAL GEOGRAPHY

Unit I

Environmental Geography: Introduction, Definition, Concept and Scope.
Environmental Components, Environment types: Physical and cultural .

Unit II

Ecosystem: Concept, Structure and Functions .
Bio Diversity: Global, National and Regional ,Bio geographic Regions of India.

Unit III

Environmental Problems in Tropical, Temperate and Polar Ecosystems.
Environmental pollution(land,water and air). Environmental Hazards.

Unit IV

Human-Environment Relationships – Historical Progression.
Rural environmental issues: Special reference to sanitation and public health.
Urban environmental issues: special reference to waste management.

Unit V

Human population and the Environment, Environmental Programmes and Policies in India –wildlife act of India 1972, water pollution control act of India 1974, National Environmental tribunal – 1995 of India.

Suggested References

1. Basu, R. and Bhaduri, S. (Eds) 2007. Contemporary Issues and Techniques in Geography, Progressive Publishers.
2. Chandna, R.C. 2002. Environmental Geography, Kalyani Press.
3. Chapman, J.L., Reiz, M.J. 1993. Ecology: Principle and Applications, Cambridge University Press. Cunninghum, W.P., Cunninghum, M.A. 2004. Principals of Environmental Science: Inquiry and Applications, Tata Macgraw Hill.
4. Goudie, A. 2001. 2013. The Human Impact on the Natural Environment: Past, Present, and Future, 7th ed, Wiley-Blackwell.
5. Gilpin, A., 1994. Environmental Impact Assessment: Cutting Edge for the 21st Century, Cambridge University Press.
6. Miller, G.T. 2004. Environmental Science: Working with the Earth, Thomson Brooks

6B- Practicals

FIELD WORK: STUDY OF ENVIRONMENT

I. Field trip

1. Visit to a local area to document environmental assets: Physical area, Hill / Forest Cultural area: settlements.
2. Study of local environment -Plants and Dry land

3. Study of ecosystem- urban area, rural area, safe drinking water area

II. Report writing

REFERENCES

1.Chandna, R.C. 2002. Environmental Geography, Kalyani Press.

2. Miller, G.T. 2004. Environmental Science: Working with the Earth, Thomson Brooks

3. PurnimaSmarath&G.Saraswathi 2007.Environmental Studies, Kalyani publishers.

SRI VENKATESWARA UNIVERSITY

B.A/B.Sc. DEGREE COURSE IN GEOGRAPHY

SEMESTER SYSTEM WITH CBCS

SEMESTER V

W.E.F. 2022-2023

7B DISASTER MANAGEMENT

Unit I

Disasters: Introduction, Definitions and concepts.

Hazards: Introduction, Definitions and concepts

Classification of disasters: Natural Disasters – Cyclones: Types**,** Causes, effects and practical examples for disasters**.**

Unit II

Natural Disasters: Earthquakes, Volcanoes, Tsunami, Floods and Droughts: Causes and impact.

Unit III

1. Human Induced Disasters: Fire, Nuclear Disasters, Accidents (Air, Sea, Rail & Road), Structural failures(Building and Bridge), War & Terrorism etc. Causes, effects and practical examples for all disasters**.**

2. Environmental Pollution: Types of Pollution.

Unit IV

Risk and Vulnerability Analysis: 1. Risk: Its concept and analysis 2. Risk Reduction 3. Vulnerability: Its concept and analysis 4. Strategic Development for Vulnerability Reduction.

Unit V

1.Disaster Management: Stages-Response ,Mitigation and Preparedness, Disaster Resistant House Construction, Sanitation and Hygiene, Education and Awareness, Dealing with Victims' Psychology, Long-term Counter Disaster .

2. Role of Geo informatics in Disaster Management.

Suggested References

1. Dr.MrinaliniPandey Disaster Management Wiley India Pvt. Ltd.
2. Tushar Bhattacharya Disaster Science and Management McGraw Hill Education (India) Pvt. Ltd.
3. Jagbir Singh Disaster Management : Future Challenges and Opportunities K W Publishers Pvt. Ltd.
4. J. P. Singhal Disaster Management Laxmi Publications.
5. ShaileshShukla, ShamnaHussain Biodiversity, Environment and Disaster Management Unique Publications
6. C. K. Rajan, NavalePandharinath Earth and Atmospheric Disaster Management: Nature and Manmade B S Publication

Practical paper- 6B : Field Survey –Survey Instruments

1. **Definition and methods of surveying.**
2. **Surveying Instruments**
3. **Chain Survey**
4. **Plain Table Survey**

REFERENCES

1. Singh,R.L Map work and practical Geography central book depot Allahabad,1972

2.Khan,z.a.Textbook of practical Geography concept publications,Newdelhi.

3.Mistra ,R.P and Ramesh Fundamentals of cartography concept publications New delhi.

SRI VENKATESWARA UNIVERSITY

B.A/B.Sc. DEGREE COURSE IN GEOGRAPHY

V SEMESTER - W.E.F. 2022-23

MODEL QUESTION PAPER

Time: 3 hours Marks: 75 marks

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer any five of the following questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks

PART – A

Answer any *Five* of the following question. (5X5=25M)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

PART – B

Answer All The Questions. Each question carries 10 marks (5X10= 50M)

11.	(A) OR (B)
12.	(A) OR (B)
13.	(A) OR (B)
14.	(A) OR (B)
15.	(A) OR (B)