

SYLLABUS & PROGRAMME STRUCTURE

Geography

(General)

(Choice Based Credit System)

(Effective from the Academic Session 2017-2018)

Third Semester

MAHARAJA BIR BIKRAM UNIVERSITY
AGARTALA, TRIPURA: 799004

PROGRAMME STRUCTURE
Structure of Proposed CBCS Syllabus for B.A/B.Com (General)

Semester	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE) (2)
1	Compulsory English-1	AECC1 : Environmental Science			
	DSC- 1 A (Paper-I of choice of subject-I)				
	DSC- 2 A (Paper-I of choice of subject-II)				
2	Compulsory English-2	AECC2 : (English/MIL) (English/Bengali/Kok borak/Hindi) (Communication)			
	DSC- 1 B (Paper-II of choice of subject-I)				
	DSC- 2 B (Paper-II of choice of subject-II)				
3	Compulsory MIL-1 (Alternative English/Bengali/Kokborak/Hin di)		SEC1 (From Choice of subject-I)		
	DSC- 1 C (Paper-III of choice of subject-I)				
	DSC- 2 C (Paper-III of choice of subject-II)				
4	Compulsory MIL-2 (Alternative English/Bengali/Kokborak/Hin di)		SEC2 (From Choice of subject-II)		
	DSC- 1D (Paper-IV of choice of subject-I)				
	DSC- 2D (Paper-IV of choice of subject-II)				
5			SEC3 (From Choice of subject-I)	DSE1A (From Choice of subject-I)	GE-1 (From Choice of subject-I)
				DSE2A (From Choice of subject-II)	
6			SEC4 (From Choice of subject-II)	DSE1B (From Choice of subject-I)	GE-2 (From Choice of subject-II)
				DSE2B (From Choice of subject-II)	

PROGRAMME STRUCTURE

Structure of Proposed CBCS Syllabus for B.Sc. (General)

Semester	Core Course (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (4)	Discipline Specific Elective (DSE) (6)
1	DSC- 1 A (Paper-I of choice of subject-I)	AECC-1 Environmental Science		
	DSC- 2 A(Paper-I of choice of subject-II)			
	DSC- 3 A(Paper-I of choice of subject-III)			
2	DSC- 1 B(Paper-II of choice of subject-I)	AECC2 (English/MIL (Communication))		
	DSC- 2 B(Paper-II of choice of subject-II)			
	DSC- 3 B(Paper-II of choice of subject-II)			
3	DSC- 1 C(Paper-III of choice of subject-I)		SEC1 (From Subject-1)	
	DSC- 2 C(Paper-III of choice of subject- II)			
	DSC- 3 C(Paper-III of choice of subject- III)			
4	DSC- 1 D(Paper-IV of choice of subject-I)		SEC2 (From Subject-1I)	
	DSC- 2 D(Paper-IV of choice of subject- II)			
	DSC- 3 D(Paper-IV of choice of subject- III)			
5			SEC3 (From Subject-III)	DSE1A (From Subject-1)
				DSE2A (From Subject-II)
				DSE3A (From Subject-III)
6			SEC4 (From any one of Subject-1, II & III) or from the computer course prescribed for BSc (General)	DSE1B (From Subject-1)
				DSE2B (From Subject-II)
				DSE3B (From Subject-III)

Semester – III
Discipline Specific Course: Paper - III
Economic Geography and Environmental Geography (Theory)
Full Marks – 70

Unit – I

- Resource: Concept, Classification and Significance
- Lumbering in Temperate and Tropical Forests
- Fishing: Types of fishing; Major commercial marine fishing grounds in temperate region
- Agriculture: Intensive Subsistence Farming in monsoon lands (Rice); Extensive Commercial Farming in temperate lands (Wheat); Plantation Farming in tropical lands (Tea); Mixed Farming

Unit – II

- Distribution, Production and Utility of major minerals: Iron ore and Manganese
- Distribution, Production and Utility of Conventional Energy Resources: Coal, Petroleum; Minerals for Nuclear Energy – Uranium and Thorium; Non-conventional energy resources: Solar and Wind; Water as a source of energy in India
- Location and Production of industries: Iron and Steel in India and China; Aluminium in India and Russia; Cotton Textile in India and USA

Unit – III

- Global warming and Climate change
- Deforestation and loss of biodiversity
- Soil erosion and conservation
- Natural Hazards: Geomorphic – Landslides and River bank erosion; Tectonic – Earthquake; Climatic – Flood, Drought and Tropical Cyclone.

Unit – IV

- Definition and Meaning of Pollution and Pollutants
- Sources, Impact and Control of the following:
 1. Air Pollution
 2. Water Pollution
 3. Soil Pollution by Pesticides
 4. Noise Pollution

Internal Assessment – 10 marks

References:

1. Hartshorn, Truman A., Alexander, John W. (1998): Economic Geography, Prentice Hall India Learning Pvt. Ltd.
2. Roy, Prithwish (2014): Economic Geography – A Study of Resources, New Central Book Agency
3. Singh, Savindra (2017): Environmental Geography, Pravalika Publications (Allahabad)

Semester – III
Discipline Specific Course: Paper - III
Practical
Full Marks: 30

- Study and Interpretation of Weather Maps of India
 - (i) Rainy Season (ii) Winter Season
- Interpretation and Drawing of Temperature–Rainfall Graph
- Climatological Instrument Reading:
 - (i) Fortein’s Barometer (ii) Dry and Wet Bulb Thermometer
 - (iii) Six’s Maximum and Minimum Thermometer
- Concept of Contour, Major Relief Features, Drainage Patterns, Broad Physiographic Divisions.

Internal Assessment – 10 marks

References:

1. Sarkar, A. (1998): Practical Geogrophy: A Systematic Approach, Orient Longman Ltd.
2. Saha, Pijushkanti and basu, P. (2013): Advanced Practical Geography, Books and Allied Ltd.