

## DISCIPLINE SPECIFIC ELECTIVE COURSE – GEOGRAPHY OF HEALTH (DSE 14)

Course title & Code	Credits	Duration (per week)			Eligibility Criteria	Prerequisite
		Lecture	Tutorial	Practical/Practice		
Geography of Health ( DSE 14)	4	3	1	0	Class 12th	NIL

**Learning Objectives:** The course addresses SDG 3 Good health and well-being. Specific objectives are:

- To understand the concept, nature and scope of geographies of health
- To understand the geographical determinants of health
- To relate exposure and health risk to human activities in the anthropocene
- To understand the spatial pattern and epidemiological transition of diseases in India
- To identify global and national health agencies, policies and Programmes

### **Learning Outcomes:**

- Basic concept of geographies of health-
- Various geographical, socio-economic and other determinants of health
- Health exposure and risk to various human activities
- Distribution of communicable and non communicable diseases in India
- Develop understanding of policy, programmes and schemes for health at global and national level

### **Course Outline:**

- **Unit 1: Geography of Health (10 hours):** Definitions, concept, nature and scope; Concept of Food and Nutrition in relation to health; concept and significance of mental health
- **Unit 2: Determinants of Health (15 hours):** Genetic factors, Geographical factors, Demographic factors, Economic factors, Socio-cultural factors, Environmental factors, Others (Urbanization and climate change)
- **Unit 3: Health Exposure, Risks and contemporary issues (20 hours):** Health risks associated with Agriculture, Manufacturing Industries, Household, Work places, Communicable and

lifestyle diseases in India, Regional pattern of diseases, and Epidemiological transition in India

- **Unit 4: Health Programmes and Policy (15 hours):** Health Care agencies at India and global level; India's National health policy, state programmes and local initiatives.

### **Tutorial Exercises:**

Tutorial exercises will include discussion of specific readings, presentations on regional profiles of tuberculosis, Malaria and cardiovascular disease in India

### **Readings:**

- Michael Emch, Elisabeth Dowling Root, Margaret Carrel 2017, Health and Medical Geography
- Helen Hazen, Peter Anthamatten, 2020, An Introduction to the Geography of Health, Routledge
- Anthony C. Gatrell, Susan J. Elliott, 2014, Geographies of Health, Wiley Pub
- Paul.L.Knox, 1975, Social Well-being: A Spatial Perspective (Theory & Practice in Geography), Oxford University Press
- Akhtar Rais (Ed.), 1990: Environment and Health Themes in Medical Geography, Ashish Publishing House, New Delhi
- Phillips, D. and Verhasselt, Y., 1994: Health and Development, Routledge, London.
- E. Banister, 1987, Contemporary Health Issues (Health Sciences), Jones and Bartlett Publishers

### **Suggestive Readings:**

- IPCC Report on "Climate Change 2022, Impacts, Adaptation and Vulnerability" Summary for policy makers [Available at [https://report.ipcc.ch/ar6wg2/pdf/IPCC\\_AR6\\_WGII\\_SummaryForPolicymakers.pdf](https://report.ipcc.ch/ar6wg2/pdf/IPCC_AR6_WGII_SummaryForPolicymakers.pdf)]
- National health Policy-India (2017) [Available at [https://www.nhp.gov.in/nhpfiles/national\\_health\\_policy\\_2017.pdf](https://www.nhp.gov.in/nhpfiles/national_health_policy_2017.pdf)]
- [https://nhm.gov.in/images/pdf/National\\_Health\\_Mental\\_Policy.pdf](https://nhm.gov.in/images/pdf/National_Health_Mental_Policy.pdf)
- Mahajan and Gupta (fourth edition) 2013, Text book of preventive and social medicine, Jaypee Brothers Medical Publishers (P) Ltd.
- <https://www.who.int/news-room/fact-sheets/detail/climate-change-and-health>
- <https://www.cdc.gov/climateandhealth/effects/default.htm> <https://health2016.globalchange.gov/>

### **Hindi Readings:**

हरीशकुमारखत्री, डा. मृगोल, कैलाशपुक्कसदन, भोपाल, 9788189900731(available as book)

<https://www.downtoearth.org.in/hindistory/health/child-health/climate-change-is-having-a-bad-impact-on-children-s-health-80576>

### DISCIPLINE SPECIFIC ELECTIVE COURSE – GEOGRAPHY OF BEHAVIOUR AND EMOTIONS (DSE 15)

Course title & Code	Credits	Duration (per week)			Eligibility Criteria	Prerequisite
		Lecture	Tutorial	Practical/Practice		
Geography of Behaviour and Emotion (DSE 15)	4	3	1	0	Class 12th	NIL

This course teaches the fundamentals of Behaviour and Emotional Geography. The content of the syllabus would help the student to understand the concept of Behavioural and emotional geography; the subject's nature and evolution. The syllabus also helps to understand significance of behaviour and emotions in different spaces and social economic structure. It explores the role of emotions in developmental dilemma and environmental practices.

#### Course Objectives:

- To understand spatial dimensions of Behaviour and Emotions.
- To look at the evolution of Geography of Behaviour and Emotions.
- To understand the factors affecting emotional topographies.
- To identify emotions linked to dilemma of developmental activities
- To realize and understand the significance of behaviour and emotions in socio-economic structures.

#### Learning Outcome:

- Detailed exposure to the subfield of behavioural and emotional geography.
- In-depth knowledge of emotional topographies at different spatial scales
- Dilemma of development and environment through case studies
- Behaviour and emotions in social and economic structure.
- Project based approach to understand behavioural and emotional geographies in real world.

#### Course Outline:

**Unit 1: Behavioural Geography and Emotional Geography (15 hours):** Nature, Concept and Evolution, mental maps, notional maps.