

हरीशकुमारखत्री, प्रा. भूगोल, कैलाशपुरासदन, भोपाल, 9788189900731(available as a 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.

**Unit 2: Space, Place and Emotion (15 hours):** Understanding affect and Emotion, in place and out of Place, Topophilia and Topophobia

**Unit 3: Emotional topographies and Spatiality of Happiness and Distress ( 15 hours):** Geographies of belongingness and alienation- multiscalar ; Geographies of nostalgia, Development and displacement, environmental challenges, conservation practices (case study based)

**Unit 4: Placemaking practices (15 hours):** concept of placemaking, Case study of Nagpur, Gurgaon and Bengaluru

### Tutorial Exercise:

Tutorial exercises will include discussion of specific readings. For unit 2 refer to theorizations by Yi fu Tuan (1976), Relph (1976), Marc Augé (1996) and for unit 4 case studies refer to:

- Sangani, Priya, and Ar Sayon Pramanik. "Understanding Local Culture as an Attribute for Placemaking in India." (2024).
- Joshi, Rucha, and Vibhore Bakshi. "Deciphering the Significance of Placemaking in Urban Quality of Life: Case Study of Nagpur, India." In *Sustainability and Urban Quality of Life*, pp. 52-70. Routledge India, 2025.
- Goldstein, S. R. (2016). Planning the Millennium City: The politics of place-making in Gurgaon, India. *International Area Studies Review*, 19(1), 12-27. <https://doi.org/10.1177/2233865916628798> (Original work published 2016)
- Sen, Amrita, and Harini Nagendra. "Local community engagement, environmental placemaking and stewardship by migrants: A case study of lake conservation in Bengaluru, India." *Landscape and Urban Planning* 204 (2020): 103933.

### Readings:

- Bolles, R. (1979). The functional significance of behavior. *Behavioral and Brain Sciences*, 2(1), 29-30. doi:10.1017/S0140525X00060465
- Hastrup, Kirsten. "8. Emotional Topographies: The Sense of Place in the Far North". *Emotions in the Field: The Psychology and Anthropology of Fieldwork Experience*, edited by James Davies and Dimitrina Spencer, Redwood City: Stanford University Press, 2010, pp. 191-211. <https://doi.org/10.1515/9780804774260-011>
- <https://rgs-ibg.onlinelibrary.wiley.com/doi/pdf/10.1111/1475-5661.00002> "Editorial: Emotional Geography", [Transactions of the Institute of British Geographers - Wiley Online Library](https://doi.org/10.1111/1475-5661.00002)
- Jessica K. Graybill, 2013, Mapping an emotional topography of an ecological homeland: The case of Sakhalin Island, Russia, in *Emotion, Space and Society*, Volume 8, Pages 39-50, ISSN 1755-4586, <https://doi.org/10.1016/j.emospa.2012.09.005>. <https://www.sciencedirect.com/science/article/pii/S1755458612000771>)
- John, Gold R., 1980, *An introduction to Behavioural Geography*, Oxford University Press, ISBN-13: 978-0198232339, ISBN-10: 0198232330
- Joyce Davidson (Ed), 2006, *Emotional Geographies*, Routledge, ISBN 9780754671077
- Krapfl, J.E. Behaviorism and Society. *BEHAV ANALYST* 39, 123–129 (2016).

<https://doi.org/10.1007/s40614-016-0063-8>

- Liz Bondi, 2005, Emotional Geographies, Ashgate Publishing Limited, Routledge, 978-0754643753
- Russell, J. (1991). Culture and the categorization of emotion. Psychological Bulletin, 426-450

## DISCIPLINE SPECIFIC ELECTIVE COURSE – GEOGRAPHY OF TRANSPORTATION (DSE 16)

Course title & Code	Credits	Duration (per week)			Eligibility Criteria	Prerequisite
		Lecture	Tutorial	Practical/ Practice		
Geography of Transportation (DSE 16)	4	3	1	0	Class 12th	NIL

**Learning Objectives:** The course is mapped to Industry, innovation and infrastructure (SDG 9) with reference to transportation modes and systems. Specifically, the objectives are:

- To understand the significance of Geography of Transportation.
- To outline the need of Travel and development of Transportation.
- To discuss the importance of Mobility, Connectivity, Accessibility and Modal Choice.
- To evaluate the role of Transport Planning and Governance in Sustainable Transportation.

### Learning Outcome:

**Students will have an in-depth knowledge of the following:**

- Dimensions of Means of Transportation.
- Factors affecting development of Transport.
- Socio-economic and Environmental Problems of Transportation.
- Initiatives for Transport Management and Policy Making.

### Course Outline:

- **Unit 1: Geography of Transportation (15 hours):** Introduction, Significance, Terrain factors in the Historical Development of Transport; Mechanized Means of Transportation – Land, Air and Water; Factors affecting development of Transport; Modal Choice.
- **Unit 2: Urban Transport (15 hours):** Urban Mobility, Characteristics and Need of Urban Transport, Modes of Urban Travel, Challenges and Solutions.
- **Unit 3: Methods and Models in Transport Study (10 hours):** Graph Theory - Connectivity Matrix and Accessibility Matrix, Gravity Model, Cost-Benefit Analysis.