

## CHAPTER 41

### PHILOSOPHY

#### Doctoral Theses

371. RAY (Susrut)  
**Understanding Graphical Expressions : A Study of Maps and Related Representations.**  
Supervisor : Prof. Nirmalangshu Mukherji  
Th 15373

#### *Abstract*

Demonstrates the necessity of the mapic form which is based on the distinction between objects and places. Examines Peter Strawson's famous account of the conditions that are necessary for object identification and re-identification. Shows that there is a close match between the formal aspects of these requirements and our description of the mapic form. The identification of individual physical objects is arguably amongst the most basic of cognitive tasks; the mapic form is necessary even for this. The third argument comes out of information theory. For any representation to be non-vacuous, in informational theoretic terms, we show that it must be encoded in a map-like format : one that encodes all possibilities as a background of the actuality.

#### *Contents*

1. Introduction. 2. Understanding schemata. 3. The problem of heterogeneity and cognitive science. 4. Language, vision and schemata. 5. 'Map-like' Representations. 6. The mapic form. 7. Images and generality. Appendix. Bibliography.

#### M.Phil Dissertations

372. AGGARWAL (Nisha)  
**Concept of Unity (Tawhid) in Majma-Ul-Bahrain of Dara Shikuh.**  
Supervisor : Dr. Anuradha Veeravalli

373. GUPTA (Mansi)  
**Concept of Self (Purusa) in Samkhya Karika Isvarakrsna.**  
Supervisor : Dr. Kanchana Natrajan
374. JAIN (Vidhu)  
**Moral Relativism - A Critical Study.**  
Supervisor : Dr. Shashi Motilal
375. KIM  
**Rights : A Critical Analysis of Some Conceptual Issues.**  
Supervisor : Dr. Shashi Motilal
376. रेनू  
**मृत्युदण्ड एवं जीवन का अधिकार ।**  
निर्देशिका : शशि मोतीलाल