

## CHAPTER 14

### EDUCATION

#### Doctoral Theses

078. PANT (Champa)  
**School Effectiveness and Teachers' Profile : A Study of Elementary Schools.**  
Supervisors : Prof. Najma Siddiqi and Dr. Alka Behari  
Th 14205

#### *Abstract*

Most of the teachers (90%) in these schools are female, Only 10% teachers are male in boy's school. All the teachers (male and female) were found teaching in the same traditional manner. No significant difference was found in their classroom practices. However sometimes, 20% female teachers were found to be using teaching aids and activity based curriculum transaction. All the teachers were found to be regular in coming to the school and doing their work. As all the three schools were found equally effective on the basis of measurement scale and there was no difference between the classroom practices of male and female teachers, sex of teachers has no affect on the effectiveness of the school.

#### *Contents*

1. Introduction. 2. Review of Related Literature. 3. Theoretical Framework. 4. Research Design. 5. Case Presentation and Discussion. 6. The Profile of Teachers in the Effective Schools. 7. Major Findings and Conclusions. Bibliography and Annexures.

079. RAMANATHAN (Susmita)  
**Science Teaching in Classrooms and its Implication for the Teacher Education Programme**  
Supervisors : Prof. Najma Siddiqi and Prof. Bharati Baveja  
Th 14204

#### *Abstract*

The study was undertaken with a view to capturing the Gestalt- (an organized whole that is perceived as more than the sum of the parts) essence of teaching learning in science

in the classroom, keeping its dynamics operating to generate the emerging situations. An attempt was made to study the configuration, which emerge when the personal, social and the physical dimension interact in the classroom. The goal was to develop an insight into how science is taught in schools by examining holistic situations, as they existed in real life.

#### *Contents*

1. Introduction. 2. Background to the Study. 3. Review of Related Literature. 4. Methodology. 5. The School Science Programmes. 6. Aspects of Science Teaching. 7. Teacher Patterns and the Factors that Influence them. 8. Professional Development of a Science Teacher. 9. Summary and Conclusions. 10. Reflections. Bibliography and Appendices.

### M.Phil Dissertations

080. अश्विनी  
**73वें संविधान संशोधन के परिप्रेक्ष्य में ग्राम पंचायतों के शैक्षिक उत्तरदायित्व का अध्ययन : मोहम्मदपुर माजरा गांव का व्यक्तिगत अध्ययन ।**  
 निर्देशक : डॉ. उमा शंकर शर्मा एवं डॉ. चाँद किरण सलूजा
081. AWASTHI (Anupam)  
**A Study of Leadership Styles of Principals and the Organisational Climate of the Schools.**  
 Supervisors : Dr. R. P. Mehta and Dr. S. K. Bhatia
082. हेमचंद्र  
**अध्यापक-प्रशिक्षण की समाज-विसानो के शिक्षण की पाठ्यचर्या का विश्लेषण ।**  
 निर्देशक : डॉ. चाँद किरण सलूजा
083. JAIN (Rachna)  
**Practices of Language Varieties and their Educational Implication on English as a Second Language : A Sociolinguistic Study.**  
 Supervisor : Dr. Geeta Sahni

084. JOSHI (Aparna Vijay)  
**To Evolve a Theoretical Framework in Science Education Based on Situated Cognition Approach.**  
Supervisor : Dr. Bharati Baveja
085. SINGHAL (Mamta)  
**Nature of Science and Science Education in a Constructivist Perspective.**  
Supervisor : Dr. Bharati Baveja