

## CHAPTER 12

### EDUCATION

#### Doctoral Theses

134. AHUJA (Amit)  
**Effectiveness of Concept Mapping in Learning of Science**  
Supervisor : Dr. Nirupma Jaimini  
Th 15279

*Abstract*

Studies the effectiveness of concept mapping as an instructional tool in problem-solving situations, in learning and retention of concepts among students as compared to the conventional method of instruction. Compares the effectiveness of concept mapping in problem solving situations under individualized mode with the co-operative mode of learning and the performance of the Above Average Intelligent (AAI) and Below Average Intelligent (BAI) students in leaning and retention of concepts taught through concept mapping. Studies the students perception of concept mapping as a learning tool.

*Contents*

1. Introduction. 2. Theoretical Framework 3. Review of the related literature 4. Methodology 5. Analysis and interpretation of the data 6. Findings, Conclusions and Implications. Bibliography.

135. KALYANI (K.)  
**Curriculum Sequencing in School Physics.**  
Supervisor : Dr. T. Geetha  
Th 15280

*Abstract*

Examines the intended curriculum in terms of content sequencing in school physics. Analyses the content sequencing in Physics as perceived by teachers and the content sequencing in the attained curriculum in terms of learners understanding. Evolves a framework for curriculaum sequencing.

*Contents*

1. Introduction. 2. Trends in the Science Curriculum Development  
 3. Review of Related Studies 4. Research Design 5. Curriculum  
 Sequencing as Intended : The Intended Curriculum 6. Teach-  
 ers Perception of Curriculum Sequencing : The Percieved Cur-  
 riculum 7. Learners Conception : The Attained Curriculum 8.  
 Towards Conceptionlising a Framework for curriculum  
 Sequencing 9. Summary. Bibliography.

136. KAUSHIK (Seema)  
**Study on the Effect of Conditioning Programme on Selected  
 Morphological and Static Balance Related Variables.**  
 Supervisors : Prof. U.S. Sharma & Dr. Dhananjoy Shaw  
 Th 15281

*Abstract*

Evolves a conditioning programme for male and female students  
 of University of Delhi. Describes the selected morphological and  
 static balance related variables of male and female students of  
 University of Delhi. Studies the effect of developed conditioning  
 programme on selected morphological variables height, weight,  
 ponderal index, body mass index body composition (lean body  
 weight, body fat and percentage body fat), somatotypes  
 (endomorph, mesomorph and ectomorph) and static balance  
 related variables i.e. three-dimensional location of centre of  
 gravity (CG) including CG in X-axis (location of CG from the  
 most posterior aspect of the heel, calculated as % of foot length),  
 CG in Y-axis (location of CG from the most left lateral aspect of  
 the foot, with a landmark at half fold of foot length, calculated as  
 % of foot breadth), and CG in Z-axis (location of CG from the  
 ground, calculated as % of total height).

*Contents*

1. Introduction. 2. Review of the related Literature 3. Procedure  
 4. Analysis of data and its presentation 5. Summary Conclu-  
 sions and Recommendations and Bibliography.

137. MD AJMAD ZABARDAST  
**Study of Administrative and Academic Decision making in  
 selected Colleges of the University of Delhi.**  
 Supervisors : Dr. Azra Razzack  
 Th 15282

*Abstract*

Investigates the relationships among the dimension of decision styles, leadership practices, and individual demographics of college principals to strengthen the decision styles and leadership abilities of these principals.

*Contents*

1. Introduction. 2. Decision - making 3. Purpose of the Investigation  
4. Participant Response 5. Summary of the Investigation.

138. RAGOONUNDUN (Calawtee)  
**Evaluative Study of Distance Education in Mauritius**  
Supervisor : Prof. U.S.Sharma  
Th 15283

*Abstract*

Reviews the historical development of distance education in Mauritius. Evaluates the implementation of distance education in Mauritius with respect to its management and methodology adopted by concerned institutions. Studies the infrastructure of the institutions handling distance education in Mauritius and educational aspects of distance education in Mauritius. Examines the social impact of distance education in Mauritius. Suggests measures for an effective implementation of distance education in Mauritius.

*Contents*

1. Introduction. 2. Review of related Literature 3. Methodology and data collection 4. Analysis, interpretation of data and discussion 5. Finding and Recommendations 6. Summary and Conclusions. Bibliography.

139. RAINA (Jyoti)  
**Non-Cognitive Corelates of Problem Solving**  
Supervisors : Prof. Bharati Baveja  
Th 15284

*Abstract*

Explores children's cognitive functioning through certain problems. It embraces a sociocultural approach to data gathering inspite of the solitary child being the sources of data, because

children's thinking and problem solving is examined without ignoring their context, which are the activities and experiences of their lives. A continuity is sought between individual and social activities.

### *Contents*

1. Introduction to the study 2. The theoretical framework : A Psychological Tools Approach to the study of Problem Solving 3. A method to the study of problem solving 4. The Presentation of Data 5. Data Analysis, Data Interpretation and Conclusion 6. Summary of the Research, Educational Implications and Suggestions for Further Research. Bibliography

## M.Phil Dissertations

140. AMBIKA ROSHAN  
**Stress and Burnout: Promoting Resilience Among School Teachers.**  
 Supervisor : Dr. Namita Ranganathan
141. AMITA  
**Understanding the Notion of Quality in Education: An Exploratory Study.**  
 Supervisor : Prof. Poonam Batra
142. ANITA SHANKAR  
**Adolescence and Young Adulthood as Mirrored Through the Works of Contemporary Indian Writers in English.**  
 Supervisor : Dr. Namita Ranganathan
143. गौतम (आनन्द कुमार)  
**राष्ट्रीय शिक्षा नीति के परिप्रेक्ष्य में राष्ट्रीय शिक्षा पाठ्यचर्या की रूपरेखा-2000 तथा 2005 का विश्लेषणात्मक अध्ययन ।**  
 निर्देशक : श्री चांद किरण सलूजा
144. SARDANA (Anita)  
**Parenting Styles and Mentally Challenged Children: Some Case Studies.**  
 Supervisor : Prof. Krishna Maitra

145. तोमर (संदीप कुमार)  
सामाजिक पृष्ठभूमि के परिप्रेक्ष्य में शैक्षिक चेतना का अध्ययन : हिन्दी  
साहित्य के संदर्भ में ।  
निर्देशक : श्री चांद किरण सलूजा
146. WADHWA (Mamta)  
**Legal Persective of Education with Reference to Right to  
Education in India.**  
Supervisor : Sh. Chand Kiran