## Contents

*Declaration*  
i  
*Acknowledgements*  
ii  
*Contents*  
iii  
*List of Tables*  
viii  
*List of Figures*  
ix  
*Abbreviations*  
x

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHAPTER - I</strong></td>
<td><strong>INTRODUCTION</strong></td>
<td>1-20</td>
</tr>
<tr>
<td>1.1</td>
<td>Intelligence</td>
<td>4</td>
</tr>
<tr>
<td>1.1.1</td>
<td>Theoretical orientation of intelligence</td>
<td>5</td>
</tr>
<tr>
<td>1.2</td>
<td>Parenting styles</td>
<td>8</td>
</tr>
<tr>
<td>1.2.1</td>
<td>Theoretical orientation of parenting style</td>
<td>9</td>
</tr>
<tr>
<td>1.2.1.1</td>
<td>Dimensional approach</td>
<td>9</td>
</tr>
<tr>
<td>1.2.1.2</td>
<td>Typological approach</td>
<td>9</td>
</tr>
<tr>
<td>1.2.1.3</td>
<td>Integrative approach</td>
<td>10</td>
</tr>
<tr>
<td>1.3</td>
<td>Classroom environment</td>
<td>12</td>
</tr>
<tr>
<td>1.3.1</td>
<td>Theoretical orientation of classroom environment</td>
<td>13</td>
</tr>
<tr>
<td>1.4</td>
<td>Academic self-regulation</td>
<td>14</td>
</tr>
<tr>
<td>1.4.1</td>
<td>Theoretical orientation of academic self-regulation</td>
<td>15</td>
</tr>
<tr>
<td>1.4.1.1</td>
<td>Self-determination theory</td>
<td>16</td>
</tr>
<tr>
<td>1.4.1.2</td>
<td>Cognitive evaluation theory</td>
<td>16</td>
</tr>
<tr>
<td>1.4.1.3</td>
<td>Organismic integration theory</td>
<td>17</td>
</tr>
<tr>
<td>1.5</td>
<td>Operational definitions</td>
<td>19</td>
</tr>
</tbody>
</table>

| **CHAPTER – II** | **REVIEW OF LITERATURE** | 21-58 |
| 2.1 | Intelligence | 21 |
| 2.1.1 | Intelligence and culture | 21 |
| 2.1.2 | Intelligence, culture and academic achievement | 23 |
| 2.2 | Parenting style | 25 |
| 2.2.1 | Parenting style and culture | 26 |
| 2.2.2 | Parenting style, culture and academic achievement | 31 |
| 2.3 | Classroom environment | 35 |
| 2.3.1 | Classroom environment and culture | 36 |
| 2.3.2 | Classroom environment, culture and academic achievement | 40 |
| 2.4 | Academic self-regulation | 44 |
| 2.4.1 | Academic self-regulation and culture | 44 |
| 2.4.2 | Academic self-regulation, culture and academic achievement | 47 |
2.5 Mediating role of academic self-regulation

2.5.1 Academic self-regulation as a mediator of intelligence and academic achievement

2.5.2 Academic self-regulation as a mediator of parenting styles and academic achievement

2.5.3 Academic self-regulation as a mediator of classroom environment and academic achievement

CHAPTER - III NEED OF THE STUDY

3.1 Need

3.2 Aims

3.3 Hypotheses

CHAPTER - IV METHODOLOGY

4.1 Sample

4.2 Tests used

  4.2.1 Parental Authority Questionnaire
  4.2.2 What Is Happening In This Class Questionnaire
  4.2.3 Academic Self-regulation Questionnaire
  4.2.4 Academic achievement
  4.2.5 Standard Progressive Matrices

4.3 Administration of Tests

4.4 Scoring of tests

4.5 Statistical analysis

CHAPTER - V RESULTS

5.1 Cultural differences in parenting style

  5.1.1 Maternal styles
  5.1.2 Paternal styles

5.2 Sex differences in parenting styles

  5.2.1 Maternal styles
  5.2.2 Paternal styles

5.3 Classroom environment

  5.3.1 Cultural differences
  5.3.2 Sex differences

5.4 Autonomous and controlled regulations

  5.4.1 Cultural differences
  5.4.2 Sex differences

5.5 Correlational Analysis

  5.5.1 Significant correlates of academic achievement across two cultures
  5.5.2 Significant correlates of autonomous and controlled regulations across two cultures

5.6 Path analysis
## CHAPTER VI DISCUSSION 129-151

6.1 Inferential Analysis
   - 6.1.1 Cultural differences in parenting styles 129
   - 6.1.2 Gender differences in parenting styles 130
   - 6.1.3 Cultural differences in classroom environment dimensions 132
   - 6.1.4 Gender differences in classroom environment dimensions 133
   - 6.1.5 Cultural differences in academic self-regulation 134
   - 6.1.6 Gender differences in academic self-regulation 135

6.2 Correlational analysis
   - 6.2.1 Intelligence and academic achievement 135
   - 6.2.2 Parenting style and academic achievement 136
   - 6.2.3 Classroom environment and academic achievement 138
   - 6.2.4 Academic self-regulation and academic achievement 140

6.3 Mediational analysis
   - 6.3.1 Academic self-regulation as a mediator 142
   - 6.3.2 Parents’ model across two cultures 142
   - 6.3.3 Classrooms’ model across two cultures 147

## CHAPTER VII SUMMARY AND CONCLUSION 152-163

7.1 Summary 152
7.2 Conclusion 158
7.3 Implications 160
7.4 Suggestions for further studies 162
7.5 Limitations 163

Bibliography 164-200
Appendices 1 – XXIII