## CONTENTS

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>DESCRIPTION</th>
<th>PAGE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INTRODUCTION</td>
<td>1-60</td>
</tr>
<tr>
<td>1.1</td>
<td>Classification of Intellectually Challenged Children</td>
<td></td>
</tr>
<tr>
<td>1.2</td>
<td>Etiology of Intellectually Challenged Children</td>
<td></td>
</tr>
<tr>
<td>1.2.1</td>
<td>Congenital Factors</td>
<td></td>
</tr>
<tr>
<td>1.2.2</td>
<td>Environmental Factors</td>
<td></td>
</tr>
<tr>
<td>1.3</td>
<td>Developmental Handicaps of Intellectually Challenged Children</td>
<td></td>
</tr>
<tr>
<td>1.3.1</td>
<td>Delayed Growth and Development</td>
<td></td>
</tr>
<tr>
<td>1.3.2</td>
<td>Emotional and Behavioral Problems</td>
<td></td>
</tr>
<tr>
<td>1.3.3</td>
<td>Problems in Learning</td>
<td></td>
</tr>
<tr>
<td>1.3.4</td>
<td>Family and Parental Problems</td>
<td></td>
</tr>
<tr>
<td>1.4</td>
<td>Magnitude of Intellectually Challenged Condition</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>Screening/Identification and Assessment of Intellectually Challenged Children</td>
<td></td>
</tr>
<tr>
<td>1.6</td>
<td>Training of Intellectually Challenged Children and Parents</td>
<td></td>
</tr>
<tr>
<td>1.6.1</td>
<td>Center/Institution based care and use of community resources</td>
<td></td>
</tr>
<tr>
<td>1.7</td>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>1.7.1</td>
<td>Stages of Child Development</td>
<td></td>
</tr>
<tr>
<td>1.7.2</td>
<td>Developmentally Challenged Children</td>
<td></td>
</tr>
<tr>
<td>1.8</td>
<td>Motor Development</td>
<td></td>
</tr>
<tr>
<td>1.8.1</td>
<td>Pattern of Motor Sequence</td>
<td></td>
</tr>
<tr>
<td>1.9</td>
<td>Self Help Skills</td>
<td></td>
</tr>
<tr>
<td>1.9.1</td>
<td>Pattern of Self Help Skills</td>
<td></td>
</tr>
<tr>
<td>1.9.1.1</td>
<td>Sucking and eating</td>
<td></td>
</tr>
<tr>
<td>1.9.1.2</td>
<td>Wearing Clothes</td>
<td></td>
</tr>
<tr>
<td>1.9.1.3</td>
<td>Intellectual Level</td>
<td></td>
</tr>
<tr>
<td>1.9.1.4</td>
<td>Opportunity of Learning</td>
<td></td>
</tr>
<tr>
<td>1.9.1.5</td>
<td>Quantum of Guidance</td>
<td></td>
</tr>
</tbody>
</table>
1.9.1.6 Role of Parents

1.10 Early Intervention
1.10.1 Need and Importance of Early Intervention
1.10.2 Early Intervention in India
1.10.3 Early Childhood Care and Education

1.11 Portage Service
1.11.1 Aims of Portage Service
1.11.2 Basic premises/assumptions on which Portage is based
1.11.3 Working of Portage Model
1.11.4 Phases of Portage Model
1.11.5 Application of Portage Services
1.11.6 Advantages of Portage Service

1.12 Pre-School Education
1.12.1 Pre-School Education in India
1.12.2 Aanganwaries
1.12.3 The Kindergarten Movement
1.12.4 The Nursery School Movement
1.12.5 Integrated Education for Disabled Children (IEDS)
1.12.6 Early Childhood Care and Education
1.12.7 Emerging Scenario of ECCE
1.12.8 Prevention of Intellectual Challenged Condition

1.13 Justification of the Study

1.14 Statement of the Problem

1.15 Operational Definitions
1.15.1 Portage Training Programme
1.15.2 Self Help Skills
1.15.3 Motor Development
1.15.4 Pre-School Intellectually Challenged Children

1.16 Objectives of the Study

1.17 Hypotheses

1.18 Delimitations
II REVIEW OF LITERATURE

2.1 Effect of Intervention Programme / Portage Training Programme on Development of Young Children

2.2 Effect of Early Intervention Programme on Self Help Skills of Young Children

2.3 Effect of Early Intervention Programme on Motor Development of Young Children

2.4 An Overview of Review of Literature

III PLAN AND PROCEDURE

3.1 Research Methodology

3.2 Research Design

3.3 Procedure for Data Collection

3.4 Population and Sample

3.5 Description of Blocks in District Ambala

3.6 Measures of the Study
   3.6.1 Identification Measures
      3.6.1.1 Vineland Social Maturity Scale
      3.6.1.2 Developmental Screening Test
      3.6.1.3 Seguin Form Board Test
      3.6.1.4 Developmental Sequence Checklist (1976)

3.6.2 Treatment Measures
   3.6.2.1 Curriculum Cards
   3.6.2.2 Activity Chart

3.7 Actual Procedure Adopted for Treatment

3.8 Statistical Techniques Used

IV ANALYSIS & INTERPRETATION OF DATA AND DISCUSSION OF RESULTS

4.1 Demographic Details of Blocks in Ambala District

4.2 Demographic Details of Aangawaries in Barara village and Children Enrolled

4.3 Details of Developmental Quotient Scores of Children enrolled in Aanganwaries of Barara Block

4.4 Demographic Details of Intellectually Challenged Children and their respective Aanganwaries of Barara Block
4.5 Age and Gender wise Description of Intellectually Challenged Children

4.6 Discussion

4.7 Base line of Self Help Skills among Intellectually Challenged Children

4.8 Detail of Activities set for Improvement of Self Help Skills among Intellectually Challenged Children

4.9 Range of Learning Self Help Skills per week per child

4.10 Differentials of Pre-test, Mid-test and Post-test -I of Self Help Skills

4.11 Discussion

4.12 Base line of Motor Development of Intellectually Challenged Children

4.13 Details of Activities set for Improvement of Motor Development among Intellectually Challenged Children

4.14 Range of learning Motor Development Skills Per-week per-child

4.15 Differentials of Pre-test, Mid-test and Post-test-1 of Motor Development

4.16 Discussion

4.17 Descriptive Evaluation of Centre Based Teaching Programme

4.18 Prompts used for Self Help and Motor Development Skills

4.19 Developmental Quotient of Intellectually Challenged Children after Pre-test

4.20 Development Quotient of Intellectually Challenged Children after Mid-test

4.21 Developmental Quotient of Intellectually Challenged Children after Post-test-I

4.22 Developmental Quotient of Intellectually Challenged Children after Post-test-II

4.23 Socialization, Cognitive and Language Development Skills Gained during Portage Training

4.24 Time Management during training of Intellectually Challenged Children
4.25 Reaction of Mothers’ towards Intervention Programme for their Intellectually Challenged Children

4.26 Difference in the Developmental Quotient between Pre-test and Mid-test of Intellectually Challenged Children

4.27 Difference in the Developmental Quotient between Mid-test and Post-test -I of Intellectually Challenged Children

4.28 Difference in the Developmental Quotient between Pre-test and Post-test -I of Intellectually Challenged Children

4.29 Difference in the Developmental Quotient between Post- test-I and Post-test -II of Intellectually Challenged Children

4.30 Significant Differences of Mean scores between Pre-test and Mid-test, Mid-test and Post-test - I and Post-test-1 and Post-test - II

4.31 Discussion and Overview

4.32 Discussion

4.33 Qualitative Discussion of the Results

V FINDINGS, RECOMMENDATIONS AND CONCLUSION

5.1 Findings of the Study

5.2 Recommendations

5.3 Problems Faced by the Investigator

SUMMARY

BIBLIOGRAPHY

APPENDICES