

## LIST OF CONTENT

<b>Content</b>	<b>Page No.</b>
<b>Declaration</b>	<b>i</b>
<b>Certificate</b>	<b>ii</b>
<b>Acknowledgement</b>	<b>iii</b>
<b>List of Content</b>	<b>vi</b>
<b>List of Tables</b>	<b>ix</b>
<b>List of Figure</b>	<b>x</b>
<b>List of Graphs</b>	<b>x</b>
<b>List of Appendices</b>	<b>xi</b>
<b>Abbreviations</b>	<b>xii</b>

<b>Chapter 1</b>	<b>Conceptual Framework and Review of Related Literature</b>	<b>1 -47</b>
1.0	Introduction	<b>1</b>
1.1	Educational Research	<b>3</b>
1.2	Data Analysis Techniques in Educational Research	<b>5</b>
1.3	Cooperative Learning	<b>7</b>
1.3.1	Cooperative Learning Types	<b>14</b>
1.3.2	Cooperative Learning Techniques	<b>15</b>
1.4	Historical Background of Cooperative Learning	<b>17</b>
1.5	Role of Teacher in a Cooperative Classroom	<b>20</b>
1.6	Cooperative Learning Environment	<b>22</b>
1.7	Assessment of Cooperative Learning	<b>32</b>
1.8	Quantitative Data Analysis Techniques and Cooperative Learning	<b>33</b>
1.9	Review of Related Literature	<b>35</b>

1.9.1	Recent Reviews related to Education on Higher Education in India	35
1.9.2	Reviews related to Teacher Education Programmes in India	36
1.9.3	Reviews related to Cooperative Learning <ul style="list-style-type: none"> <li>• Old Reviews Related to Cooperative Learning</li> <li>• Recent Reviews Related to Cooperative Learning</li> </ul>	37
1.10	Implications for the Present Study	42
1.11	Research Questions	44
1.12	Rationale of the Present Study	44
1.13	Statement of the Problem	46
1.14	Objectives of the Study	47
1.15	Hypotheses of the Study	47
1.16	Operationalization of the Terms	47
1.17	Delimitations of the Study	47
<b>Chapter 2</b>	<b>Methodology</b>	<b>48-54</b>
2.1	Experimental Design of the Study	48
2.2	Population and Sample	48
2.3	Tools of Data Collection	49
2.4	Programme of the Study	50
2.5	Data Collection	52
2.6	Data Analysis Techniques Employed	54
<b>Chapter 3</b>	<b>Data Analysis and Interpretation</b>	<b>55-79</b>
3.1	Comparison of Achievement through Cooperative Learning and Conventional Method	55
3.2	Studying the Relationship of Cooperative Scores and Achievement Scores	61
3.3	Analysis of Six Essential Components of Cooperative Learning	61
<b>Chapter 4</b>	<b>Findings and Discussion</b>	<b>80-90</b>
4.1	Findings of the Study	80
4.2	Discussion on the Results of the Study	85

4.2.1	Cooperative Learning and Achievement Scores of M.Ed. Students on Data Analysis Techniques	<b>85</b>
4.2.2	Cooperative Learning and Their Six Essential Elements	<b>87</b>
4.2.3	Cooperative Learning and Attitude of Students towards Discipline	<b>89</b>
4.2.4	Student's Reactions towards the Educational Programme through Cooperative Learning	<b>90</b>
<b>Chapter 5</b>	<b>Summary and Implications</b>	<b>91-126</b>
5.1	Summary	<b>91</b>
5.1.1	Introduction	<b>91</b>
5.1.2	Cooperative Learning	<b>92</b>
5.1.3	Cooperative learning Types	<b>94</b>
5.1.4	Cooperative Learning Techniques	<b>94</b>
5.1.5	Historical Background of Cooperative Learning	<b>95</b>
5.1.6	Role of Teacher in Cooperative Classroom	<b>97</b>
5.1.7	Assessment of Cooperative Learning	<b>99</b>
5.1.8	Quantitative Data Analysis Techniques and Cooperative Learning	<b>100</b>
5.1.9	Review of Related Literature	<b>102</b>
5.1.10	Implications for the Present Study	<b>104</b>
5.1.11	Research Questions	<b>105</b>
5.1.12	Rationale for the Present Study	<b>105</b>
5.1.13	Present Study	<b>108</b>
5.1.14	Objectives of the Study	<b>108</b>

5.1.15	Hypotheses of the Study	<b>108</b>
5.1.16	Operationalization of the Terms	<b>109</b>
5.1.17	Delimitations of the Study	<b>109</b>
5.1.18	Experimental Design of the Study	<b>109</b>
5.1.19	Population and Sample	<b>110</b>
5.1.20	Tools of Data Collection	<b>110</b>
5.1.21	Programme of the Study	<b>111</b>
5.1.22	Data Collection	<b>113</b>
5.1.23	Data Analysis Techniques Employed	<b>115</b>
5.1.24	Findings of the Study	<b>116</b>
5.2	Study Based Reflections	<b>121</b>
5.3	Implications of the Study	<b>123</b>
5.4	Suggestions for further Research	<b>124</b>
5.5	Conclusion	<b>126</b>
<b>Bibliography</b>		<b>127</b>
<b>Webliography</b>		<b>139</b>