LIST OF TABLES

3.1 Comprehensive list of 112 studies comparing programmed instruction to conventional instruction, University of Keele. 65
3.2 Classification of studies conducted in industry, University and schools. 66
5.1 No. of students, % of correct responses and % of scores on pre and post test. 122
6.2 List of schools with average percentage of results and grades. 132
6.2. Mean, S.D. of scores made by students of Experimental and Controlled schools in initial test (Pre-test) 134
6.3 Mean, S.D. and Mean difference of scores on initial test (Pre test) administered to experimental and controlled schools. 134
6.4 Analysis of variance 135
7.1 Frequency distribution of T.Q. of students under study. 141
7.2 Frequency distribution of scores made on the post test by the students having Low I.Q. from experimental and controlled schools 142
7.3 Mean, S.D. and Mean difference of scores on post test by students having Low I.Q. from experimental and controlled schools. 143
7.4 Analysis of variance 144
7.5 Frequency distribution of scores made on the post test by students having high I.Q. from Experimental and Controlled schools. 146
7.6 Mean S.D. and Mean difference of scores made on post test by students of Experimental and Controlled schools, having high I.Q. 147
7.7 Analysis of variance 147
7.8 Mean and S.D. of scores made by students of experimental and controlled schools on post-test. 150
7.9 Frequency distribution of scores made by students of Experimental and Controlled Schools on post-test.

7.10 Mean, S.D. and Mean difference of scores on post-test made by the group of experimental and Controlled schools.

7.11 Analysis of variance

7.12 Average gain in performance of the experimental and controlled schools

7.13 Number of students from Experimental and Controlled schools belonging to different SES.

7.14 Number of students from Experimental and Controlled schools belonging to three broad socio economic status.

7.15 Frequency distribution of scores made by students of HS from Experimental and controlled schools.

7.17 Analysis of variance

7.18 Frequency distribution of scores made on post test by students of LS of Experimental and Controlled schools.

7.19 Mean, Mean difference and S.D. of students of LS of Controlled and Experimental schools.

7.20 Analysis of variance

7.21 Mean, S.D. and Mean difference of students of experimental and controlled schools of high entering behaviour.

7.22 Analysis of variance

7.23 Number of students having low entering behaviour, Mean, S.D. and Mean difference of students of Experimental and Controlled schools

7.24 Analysis of variance
7.25 Mean time taken by students of complete each unit through programmed learning and Mean time taken by teacher to teach the same unit by conventional method.

7.26 The number of items and co-efficient of opinion of the teachers in charge of the experiment.

7.27 The number of items in Question No. 13 of questionnaire and their value of co-efficient of opinion

7.28 The error rate