SYMBOLS

A : Audio-self Feedback
a : Total number of Groups/Treatments
A+S : Audio+Supervisor Feedback
AFS : Average Score After Third/Final Re-teach Session
AIS : Average Initial Score
ASR-I : Average Score After First Re-teach Session
ASR-II : Average Score After Second Re-teach Session
b₁ : Regression Coefficient or weight of First Extraneous Variable
b₂ : Regression Coefficient or weight of Second Extraneous Variable
b₃ : Regression Coefficient or weight of Third Extraneous Variable
b₄ : Regression Coefficient or weight of Fourth Extraneous Variable
BW : Blackboard Writing
C-1 : Section-1 of Micro Class
C-2 : Section-2 of Micro Class
C-3 : Section-3 of Micro Class
C-4 : Section-4 of Micro Class
C-5 : Section-5 of Micro Class
CBC : Cognitive-Based-Competence
CG : Control Group
D₀₁ : D Value calculated for Testing Significance of Difference Between Means for a particular variable of Two Groups received different treatments at .01 level of significance
D₀₅ : D Value calculated for Testing Significance of Difference Between Means for a particular variable of Two Groups received different treatments at .05 level of significance
df : degrees of freedom
DM : Difference of Means
E : Explanation
EB-I : Sub Group-I of Experimental Group-B
EB-II : Sub Group-II of Experimental Group-B
EB-III : Sub Group-III of Experimental Group-B
EB-IV : Sub Group-IV of Experimental Group-B
EB-V : Sub Group-V of Experimental Group-B
EB-VI : Sub Group-VI of Experimental Group-B
EB-VII : Sub Group-VII of Experimental Group-B
EG-A : Experimental Group-A
EG-B : Experimental Group-B
F : F Value for the Multiple Correlation Coefficient
F_{01} : F Value at .01 level of significance
F_{05} : F Value at .05 level of significance
FE : Final Efficiency in using the Particular Teaching Skill
FRF : Feedback Received From
FS : Post-Test BGTC Scale Score or Final Score
FS_1 : Post Test BGTC Scale Score for Group EB-I
FS_2 : Post Test BGTC Scale Score for Group EB-II
FS_3 : Post Test BGTC Scale Score for Group EB-III
FS_4 : Post Test BGTC Scale Score for Group EB-IV
FS_5 : Post Test BGTC Scale Score for Group EB-V
FS_6 : Post Test BGTC Scale Score for Group EB-VI
FS_7 : Post Test BGTC Scale Score for Group EB-VII
FTA : Fractional Parts of Total Area (taken as 10000) under normal probability curve towards the right/left
GTC : General Teaching Competence
IAM : Index of Academic Motivation
IS : Pre-Test BGTC Scale Score or Initial Score
ITL : Introducing the Lesson
K : Number of Variables in the Study
MBEET : Marks of B. Ed. Entrance Test
Mean : Average of the Sample under study
MS_B : Mean sum of square between groups or among groups
MS_W : Mean sum of square within group
MTLPP : Marks of Teaching Learning Process Paper
N : Total Number of Student Teachers in the Population/Sample
n : Sample Size of a Group
NS : Non-significant at .05 level of significance
NS*: Non-significant at .01 level of significance
Obs.: Observer
P: Peer Feedback
P-1: Peer-1 Providing Peer Feedback
P-2: Peer-2 Providing Peer Feedback
P-3: Peer-3 Providing Peer Feedback
P-4: Peer-4 Providing Peer Feedback
PBC: Performance-Based-Competence
PI: Percentage Improvement
PMG: Percentage of Marks in Graduation
PNC: Percentage of Normal Curve lies towards the right/left of \( Z \sigma \)
PQ: Probing Questioning
QS: Questionnaire Score
\( r_{01} \): Table value of \( r \) at .01 level of significance for (N-2) df
\( r_{05} \): Table value of \( r \) at .05 level of significance for (N-2) df
\( r_{12} \): Coefficient of Correlation between Marks of B. Ed. Entrance Test & Marks of TLP Paper
\( r_{13} \): Coefficient of Correlation between Marks of B. Ed. Entrance Test & Percentage of Marks in Graduation
\( r_{14} \): Coefficient of Correlation between Marks of B. Ed. Entrance Test & Index of Academic Motivation
\( r_{23} \): Coefficient of Correlation between Marks of TLP Paper & Percentage of Marks in Graduation
\( r_{24} \): Coefficient of Correlation between Marks of TLP Paper & Index of Academic Motivation for the Population
\( r_{34} \): Coefficient of Correlation between Percentage of Marks in Graduation & Index of Academic Motivation
\( r_{cp} \): Correlation Coefficient Between Cognitive-Based-Competence and Performance-Based-Competence
\( r_{cp1} \): Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-I
\( r_{cp2} \): Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-II
Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-III

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-IV

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-V

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-VI

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Group EB-VII

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Experimental Group-A

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Experimental Group-B

Coefficient of Correlation Between Cognitive-Based-Competence and Performance-Based-Competence for Control Group

Multiple Correlation Coefficient between Post-Test Scores of BGTC Scale & Scores of Four Extraneous Variables

Coefficient of Correlation between Post-Test Scores of BGTC Scale & Marks of B. Ed. Entrance Test

Coefficient of Correlation between Post-Test Scores of BGTC Scale & Marks of TLP Paper

Coefficient of Correlation between Post-Test Scores of BGTC Scale & Percentage of Marks in Graduation

Coefficient of Correlation between Post-Test Scores of BGTC Scale & Index of Academic Motivation

Multiple Correlation Coefficient between Pre-Test Scores of BGTC Scale & Scores of Four Extraneous Variables

Coefficient of Correlation between Pre-Test Scores of BGTC Scale & Marks of B. Ed. Entrance Test

Coefficient of Correlation between Pre-Test Scores of BGTC Scale & Marks of TLP Paper

Coefficient of Correlation between Pre-Test Scores of BGTC Scale & Percentage of Marks in Graduation
\( r_{14} \) : Coefficient of Correlation between Pre-Test Scores of BGTC Scale & Index of Academic Motivation

\( r_{1f} \) : Coefficient of Correlation Between Pre-Test Scores & Post-Test Scores of BGTC Scale

\( r_{1fA} \) : Coefficient of Correlation between Pre-Test & Post-Test Scores of BGTC Scale for Student Teachers of Experimental Group-A

\( r_{1fB} \) : Coefficient of Correlation between Pre-Test & Post-Test Scores of BGTC Scale for Student Teachers of Experimental Group-B

\( r_{1fC} \) : Coefficient of Correlation between Pre-Test & Post-Test Scores of BGTC Scale for Student Teachers of Control Group

\( r_{1f} \) : Coefficient of Correlation between Efficiency of using five selected teaching skills & Post-Test Scores of BGTC Scale

\( r_{1f1} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-I

\( r_{1f2} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-II

\( r_{1f3} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-III

\( r_{1f4} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-IV

\( r_{1f5} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-V

\( r_{1f6} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-VI

\( r_{1f7} \) : Coefficient of Correlation Between Efficiency of Using Five Teaching Skills & Post Test BGTC Scale Score for Group EB-VII

\( S \) : Significant at .05 level of significance

\( S^* \) : Significant at .01 level of significance

\( S-1 \) : Supervisor-1 Providing Audio+Supervisor Feedback

\( S-2 \) : Supervisor-2 Providing Video+Supervisor Feedback

\( S-3 \) : Supervisor-3 Providing Supervisor Feedback

\( S-4 \) : Supervisor-4 Providing Supervisor Feedback

\( SA1 \) : Student Teacher-1 receiving Audio-self feedback
SA2 : Student Teacher-2 receiving Audio-self feedback
SASI : Student Teacher-1 receiving Audio+Supervisor feedback
SAS2 : Student Teacher-2 receiving Audio+Supervisor feedback
SD : Standard Deviation from the Mean for the Sample under study
SED : Standard Error of difference between means
SEm : Standard Error of Mean
SOR : Sum of Ranks
SP1 : Student Teacher-1 receiving Peer Feedback
SP2 : Student Teacher-2 receiving Peer Feedback
SP3 : Student Teacher-3 receiving Peer Feedback
SP4 : Student Teacher-4 receiving Peer Feedback
SS1 : Student Teacher-1 receiving Supervisor Feedback
SS2 : Student Teacher-2 receiving Supervisor Feedback
SS3 : Student Teacher-3 receiving Supervisor Feedback
SS4 : Student Teacher-4 receiving Supervisor Feedback
SSB : Sum of square between groups or among groups
SST : Total sum of square between groups and within groups
SSt1 : Student Teacher-1 receiving Student Feedback
SSt2 : Student Teacher-2 receiving Student Feedback
SSt3 : Student Teacher-3 receiving Student Feedback
SSt4 : Student Teacher-4 receiving Student Feedback
SSw : Sum of square within group
ST : Student Teacher
St : Student Feedback
St-1 : Student-1 Providing Student Feedback
St-2 : Student-2 Providing Student Feedback
St-3 : Student-3 Providing Student Feedback
St-4 : Student-4 Providing Student Feedback
Su : Supervisor Feedback
SV : Stimulus Variation
SV1 : Student Teacher-1 receiving Video-self feedback
SV2 : Student Teacher-2 receiving Video-self feedback
SVS1 : Student Teacher-1 receiving Video+Supervisor feedback
SVS2 : Student Teacher-2 receiving Video+Supervisor feedback
t : t ratio for the Sample
\( t_{01} \) : t value at .01 level of significance
\( t_{05} \) : t value at .05 level of significance
TOF : Type of Feedback
V : Video-self Feedback
V+S : Video+Supervisor Feedback
\( X_1 \) : First Extraneous Variable
\( X_2 \) : Second Extraneous Variable
\( X_3 \) : Third Extraneous Variable
\( X_4 \) : Fourth Extraneous Variable
\( X_c \) : Study variable
\( Z \) : Z Value for the sample
\( Z_{01} \) : Z Value at the .01 level of significance
\( Z_{05} \) : Z Value at the .05 level of significance
\( \eta \) : Efficiency of using five selected teaching skills
\( \eta _{1'} \) : Efficiency of Using Five Teaching Skills for Group EB-I
\( \eta _{2'} \) : Efficiency of Using Five Teaching Skills for Group EB-II
\( \eta _{3'} \) : Efficiency of Using Five Teaching Skills for Group EB-III
\( \eta _{4'} \) : Efficiency of Using Five Teaching Skills for Group EB-IV
\( \eta _{5'} \) : Efficiency of Using Five Teaching Skills for Group EB-V
\( \eta _{6'} \) : Efficiency of Using Five Teaching Skills for Group EB-VI
\( \eta _{7'} \) : Efficiency of Using Five Teaching Skills for Group EB-VII

SUBSCRIPTS

1 : Extraneous Variable 1 taken as Marks obtained in B.Ed. Entrance Test
1' : Group EB-I
2 : Extraneous Variable 2 taken as Marks obtained in T.L.P. Paper
2' : Group EB-II
3 : Extraneous Variable 3 taken as Percentage of Marks obtained in Graduation
3' : Group EB-III
4 : Extraneous Variable 4 taken as Index of Academic Motivation
4' : Group EB-IV

xviii
5' : Group EB-V
6' : Group EB-VI
7' : Group EB-VII
A : Experimental Group-A
B : Experimental Group-B
c : Cognitive-Based-Competence
C : Control Group
f : Post-Test BGTC Scale Score
i : Pre-Test BGTC Scale Score
p : Performance-Based-Competence
η : Efficiency of using five selected teaching skills