

LIST OF ABBREVIATIONS

Abbreviation	Full form
VAL	Vygotsky's Approach of Learning
PBL	Problem Based Learning
ICT	Information and Communication Technology
NKC	National Knowledge Commission
NCFTE	National Curriculum Framework for Teacher Education
NCF	National Curriculum Framework
PCK	Pedagogical Content Knowledge
ZPD	Zone of Proximal Development
CO ₂	Carbon dioxide
CFC	Chloro Fluro Carbon
H ₂ O	Water
TT ₁	Teacher trainees of group-1
TT ₂	Teacher trainees of group-2
T ₁ T ₁	First teacher trainee of group-1
T ₂ T ₁	Second teacher trainee of group-1
T ₃ T ₁	Third teacher trainee of group-1
T ₄ T ₁	Fourth teacher trainee of group-1
T ₅ T ₁	Fifth teacher trainee of group-1
T ₆ T ₁	Sixth teacher trainee of group-1
T ₁ T ₂	First teacher trainee of group-2
T ₂ T ₂	Second teacher trainee of group-2
T ₃ T ₂	Third teacher trainee of group-2
T ₄ T ₂	Fourth teacher trainee of group-2
T ₅ T ₂	Fifth teacher trainee of group-2
T ₆ T ₂	Sixth teacher trainee of group-2