

## **ACRONYMS**

AAAS	American Association for the Advancement of Science
ANCOVA	Analysis of Covariance
ANOVA	Analysis of Variance
B.Ed.	Bachelor of Education
BSPS	Basic Science Process Skills
CBSE	Central Board of Secondary Education
CD	Compact Disc
CLM	Cooperative Learning Method
CM	Conventional Method
ERIC	Educational Research and Information Centre
GC	General Creativity
GD	Guided Discovery
GSHSEB	Gujarat Secondary and Higher Secondary Education Board
HBCSE	Homi Bhabha Centre for Science Education
HMA	Higher Mental Ability
HSTP	Hoshangabad Science Teaching Programme
IASC	Integrated Activity-based Science Curriculum
INSA	Indian National Science Academy
IPM	Information Processing Models
IPSC	Indian Parliamentary and Scientific Committee
IRA	Inductive Reasoning Ability
IS	Instructional strategy
ITM	Inquiry Training Model
M.P.	Madhya Pradesh
MHRD	Ministry of Human Resource Development
MLLs	Minimum Levels of Learning
NCAER	National Council of Applied Economic Research
NCERT	National Council of Educational Research and Training
NCF	National Curriculum Framework
NCF-88	National Curriculum for Primary and Secondary Education – A Framework
NCFSE	National Curriculum Framework for School Education

NPE	National Policy on Education
NSES	National Science Education Standards
NSS	National Science Survey
NSTA	National Science Teachers Association
SC	Science Creativity
SCERT	State Council for Educational Research and Training
SES	Socio Economic Status
SOCOPSI	System of Observation of Cognitive Processes in Science Instruction
SWH	Science Writing Heuristic
TBC	Theory Building Capacity test
TDM	Teacher Demonstration Method
TM	Traditional Method
TOPSI	Test of the Process of Scientific Inquiry
TQP	The Questioning Project
UGC	University Grants Commission
UK	United Kingdom
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNICEF	United Nations International Children's Emergency Fund
USA	United States of America
USSR	Union of Soviet Socialist Republics
UT	Union Territory