

List of Abbreviations

AEHS	Adaptive Educational Hypermedia System
AES	Automated Essay Scoring
AHS	Adaptive Hypermedia System
ACM	Association for Computing Machinery
API	Application Programming Interface
ASER	Annual Status of Education Report, India
BNB	Bernoulli's Naïve Bayes
CAPTCHA	Completely Automated Public Turing Test to Tell Computers and Humans Apart
CBSE	Central Board of Secondary Education, India
CCR	Closed Corpus Resources
CCS	Closed Corpus System
COL	Commonwealth of Learning, Canada
EPUB	eBook Publication Structure
ERP	Enterprise Resource Planning
ESL	English as Second Language
ETS	Educational Testing Services, USA
HTML	Hypertext Markup Language
HTTP	HyperText Transfer Protocol
IGNOU	Indira Gandhi National Open University, India
IIM	Indian Institute of Management
IIT	Indian Institute of Technology
ISP	Internet Service Provider
IR	Information Retrieval
ISRO	Indian Space Research Organization
ITS	Intelligent Tutoring System
MCS	Mixed Corpus System
MERLOT	Multimedia Educational Resource for Learning and Online Teaching, USA
MKO	More Knowledgeable Other
MOOC	Massive Open Online Courses
NASA	National Aeronautical and Space Research Organization, USA
NCERT	National Council for Educational Research and Training, India
NER	Named Entity Recognition

NIOS	National Institute of Open Schooling, India
NIT	National Institute of Technology, India
NKC	National Knowledge Commission, India
NLP	Natural Language Processing
NLTK	Natural Language Tool Kit
NPTTEL	National Programme on Technology Enabled Learning, India
NROER	National Repository of Open Educational Resources, India
OCR	Open Corpus Resources
OCS	Open Corpus System
ODP	Open Directory Project
ODT	Open Document Format
OECD	Organization for Economic Co-operation and Development
OER	Open Educational Resources
PDF	Portable Document Format
PISA	Programme for International Student Assessment
PPT	PowerPoint File Format
RTF	Rich Text Format
SME	Subject Matter Expert
SOM	Self Organizing Maps
STEM	Science Technology Engineering and Mathematics
SVM	Support Vector Machines
SWAYAM	Study Webs of Active Learning for Young Aspiring Minds, Government of India
TEL	Technology Enabled Learning
TF-IDF	Term Frequency Inverse of Document Frequency
TXT	Textual File format
URL	Uniform Resource Locator
XLS	Excel Spreadsheet File Format
XML	Extensible Markup Language
ZPD	Zone of Proximal Development