Index

A
Abstract Conceptualization (AC) 304
Academic Learning Time (ALT) 50
Accreditation Board (AB) 183
Active Experimentation (AE) 304
Adaptive Fuzzy E-Learning Subsystem (AFELS) 198
Admob 122
Agriculture sector 235
aptitude treatment interaction (ATI) 44

B
behaviorism 7, 9-12, 14-20, 22-26, 28, 32, 42, 56, 58, 70, 77, 83, 85
Bolzano theorem 277-278, 287, 289

C
Central Board of Secondary Education (CBSE) 179
Chinese Communist Party (CCP) 210
Collaborative, Online Learning Environment (COLE) 163
Commonwealth of Learning (COL) 184
Component Display Theory 47
Computer Algebra Systems (CAS) 276
Concrete Experience (CE) 304
conditioned response (CR) 17
Constructivism 3, 11, 14, 24-25, 39, 51, 63-65, 83-85, 174-175
Continuous and Comprehensive Evaluation (CCE) 188
Corporate Social Responsibility (CSR) 108
Council for the Indian School Certificate Examinations (CISCE) 179
crowding-out 314

D
Data analysis 165, 170
deaf and hearing impaired 193-196
Department of Education (DOE) 180
direct marketing 124-125
District Information System for Education (DISE) 178, 180
document management system (DMS) 98-99
Dry Knowledge 128, 131-134, 136, 138-139
dualism 6, 8

E
Educational-Based Virtuous Cycles (EVC) 312
educational foundations 1-2, 4, 12, 15, 39, 52, 56-57, 61
Enterprise Learning Applications (ELAs) 300
Enterprise Learning Integration (ELI) 300
Enterprise Resource Planning (ERP) 147
experimental physiology 7

F
flow diagram 222-225, 227-228, 231
fuzzy expert system 193, 197

G
German University of Technology (GTU) 150
Gestalt psychology 10-11
Google Adwords 122
Google Alerts 126
Greek Sign Language (GSL) 194
Gross Domestic Product (GDP) 317-318
Index

H
heteroskedasticity 318
higher education (HE) 205
Higher Education Institutions (HEIs) 144, 184
Hong Kong Special Administrative Region (HK-SAR) 207

I
iAd 122
India Education Index (IEI) 183
Indian Institutes of Management (IIMs) 183
Industry Linkage 247
Information Processing (IP) 26
Information Technology enabled Services (ITeS) 151
instructional design 1-4, 11-13, 15, 24, 33, 36, 38, 42, 44-45, 47-51, 54-61, 65, 161, 175
Instructional theories 3-4, 13, 36-38, 43-44, 47-48, 52, 55, 57
Integrated Child Development Services (ICDS) 181
Integrated Circuits (ICs) 233
International Maritime College of Oman (IMCO) 150
Internetworking 128-129

K
knowledge economy (KE) 206
knowledge utilization 248, 251-252, 263, 265-266

L
Learning Management System (LMS) 157
Learning Objects (LO) 295
Learning Services (LSs) 300
Learning Styles Inventory (LSI) 304
learning task 44, 306, 308
Linkedin Ads 122
Lower Kindergarten (LKG) 181

M
massification 141
MatLab 137-138, 276, 278, 294
mechatronics 223, 226-227, 230, 233-235, 238, 247
Microelectromechanical Systems (MEMS) 233
Middle East North African (MENA) 142
Millennium Development Goals (MDGs) 248-249, 257, 265
Ministry of Education (MoE) 208
Ministry of Human Resource Development (MHRD) 180, 187-188
monotonicity 287

N
National Assessment and Accreditation Council (NAAC) 183, 191
National Board of Accreditation (NBA) 183
National Policy on Education (NPE) 180
National Student Survey (NSS) 213, 219
neo-behaviorism 10

O
Oman Academic Accreditation Authority (OAAA) 151
Oman College of Tourism (OCT) 150
Oman Dental College (ODC) 150
On the Job Training (OJT) 130
On the Research Training (ORT) 130
ontology alignment 86, 89-91, 93-94, 99-100, 102
ontology similarity 90, 102
Open and Distance Learning (ODL) 183
Open Course Ware (OCW) 129
open source software 276, 278
Ordinary Least Squares (OLS) 318

P
People’s Republic of China (PRC) 207
Personalized System of Instruction models (PSI) 20
Positivism 7
progressive movement 56
Project-Oriented Organization (POO) 87, 97
public relations 109, 122-123

Q
Quality of Service (QoS) 306

R
Rapid e-learning 190
reciprocal mentoring 171
Recommender systems (RS) 88
reConfigurable Learning through Adaptive Patterns (CLAPs) 296
Reflective Observations (RO) 304
Return on Investment (ROI) 147

S
Sales promotions 124
Service-Oriented Architectures (SOA) 300
sign language 193-195, 202-203
Sign Language Virtual Classroom 202
Social Entrepreneurship (SE) 105
Social Responsibility (SR) 108
social value 105-107, 109, 114
socio-economic development 248, 258-260, 262
structuralism 7-10
Sultan Qaboos University (SQU) 146
Synchronous online learning 156, 163, 165

T
Taiwan 184, 205, 208-210, 214-217, 219-220, 247
taxonomy 47, 75-76, 193-194, 297
tertiary students 157
The Research Council (TRC) 146
Times Higher Education Supplement (THES) 182, 212
transformative learning 159, 161, 164, 172-175
transformative learning theory 159

U
Unified Medical Language System (UMLS) 99
university research 249, 252, 263
Upper Kindergarten (UKG) 181

V
vertical publishing 96, 99
videoconference 196, 202
Virtual Machine Monitor (VMM) 272
Virtual World 135-138
VMware vSphere 273
Voice Over Internet Protocols (VOIP’s) 156

W
Web Service Description Language (WSDL) 300
Wet Brain 128, 131-134, 136, 138-139
Wet Knowledge 131-134, 136, 138

Z
Zone of Proximal Development (ZPD) 25