

# Index

## A

academic landscape 1385  
 accepted landscape 985  
 action tendencies 355  
 active ageing 572  
 Active Ageing Consortium in Asia Pacific (ACAP) 572  
 active learning 1337  
 Activity Systems Theory (AST) 877  
 adoption curve 296  
 adult learners 395  
 advanced or radical model 1076  
 affordance 641  
 African Americans 1356  
 African descent 1351  
 African Diaspora 1350  
 African heritage 1353  
 African Information Society Initiative (AISI) 823, 831  
 age differences 938  
 age-related impairments 593  
 aging processes 933  
 Alexandria Proclamation 1194  
 American Psychological Association's (APA) 109,  
     1513  
 Analog Technology (AT) 244  
 Analysis of Variance (ANOVA) 111, 1393  
 andragogy 395  
 Anoto pattern 528  
 application tool support 405  
 architecture of participation 798  
 ArCo Index 316  
 Artificial Intelligence (AI) 262  
 Aryan castes 853  
 assessment 202, 1373  
 Assistive Technology (AT) 135-136  
 Association of College and Research Libraries  
     (ACRL) 21, 90  
 Association of South East Asian Nations (ASEAN)  
     439

Asymmetric Digital Subscriber Line (ADSL) 440  
 asynchronous discussions 1338  
 asynchronous tele-education 614  
 Atlantic Coast Conference (ACC) 1121  
 Attention Deficit Disorder (ADD) 1704  
 Attention Deficit Hyperactivity Disorder (ADHD)  
     1704  
 audio-based navigation 1093  
 authentic tasks 1244, 1248  
 automation technology 1445, 1449

## B

Baby Boomers 934, 938  
 backbone network 367, 1326  
 backbone services 365, 1323  
 behaviorism 198, 1369  
 behavior norms 759  
 bidirectional communication 1664  
 biofeedback 140, 143  
 Blacksburg Electronic Village 544  
 blended heritage 1359  
 blended learning 416, 611, 614  
 Bonferroni approach 112-113  
 Bonferroni method 158  
 Braille Keyboard/Screen Rader 1093  
 Brandhorst's taxonomy 206, 1376  
 brick-and-mortar stores 1607  
 broadband access 549  
 broadband at home 705  
 broadband divide 699  
 broadband metropolis 544  
 broadband network 701  
 business marketing 407  
 Business Processing Outsourcing (BPO) 1426

## C

Carbon Cycle 651  
 Cascading Style Sheets (CSS) Styles 898

- caste system 853, 979  
catch up hypothesis 295  
census block 300  
Center for International Development and Conflict Management (CIDCM) 322, 329  
Center for International Development (CID) 283  
Centre for Educational Research and Innovation (CERI) 1078  
chaotic patterns 639  
chronosystem 874  
citizen-related outcomes 1785  
civics perspective 1225  
civil conflicts 1279  
Civil Liberties Index 44  
Civil Society Organizations (CSO) 7  
class power 978  
Clean Development Mechanism (CDM) 1181  
cloud services 545  
Cognitive Load Theory (CLT) 1524  
cognitively primed 934  
cognitive strategies 640  
cognitive theory 198, 1369  
cognitivism 198, 1369  
Collaborative Innovation Network (COIN) 1027  
collaborative learning 1139, 1232, 1337  
collaborative therapy 140  
collaborative tool support 405  
collective identity 1355  
collinearity 179  
common citizens navigation 1093  
Common English Proficiency Assessment (CEPA) 419  
communication preferences 63-64  
communication technology 1447  
communicative tools 737  
Communities of Learners (CoL) 200, 1371  
Communities of Practice (COP) 1027  
Community-Based Organizations (CBO) 1105  
Community Multimedia Centers (CMC) 506  
CoMPASS 601  
Completely Online Groups (COG) 1026-1027  
composite index 316  
Computer Aided Education (CAE) systems 198, 1369  
Computer Aided Instruction (CAI) 198, 1369  
Computer Aided Learning (CAL) 198, 1369  
Computer-Assisted Telephone Interview (CATI) 1494  
computer-associated literacies 1221  
computer games 611  
computer intensity index 1495  
computer interface designs 1511, 1516  
computer interface metaphor 1517  
    desktop metaphor 1523  
computer labs 1120  
computer literacy 1441  
Computer-Mediated Communication (CMC) 1139, 1259, 1365  
computer science 1387  
computer self-efficacy 481, 486, 493, 496, 1400  
Computer Supported Collaborative Learning (CSCL) 612, 1026, 1139  
Computer-Supported Cooperative Work (CSCW) 1528  
comScore 1002  
concentration in the telecom sector 1561  
connectivism 200, 1010, 1371  
connectivism theory 1013  
Constraint Satisfaction Problems (CSP) 268  
constructivism 199, 1233, 1370  
constructivist learning theory 1219, 1233, 1335-1338, 1347  
contemporary culture 349  
contextual factors 285  
contextual weights 285  
convenience fee 915  
convergence of communications 796  
correlation analysis 443  
Course Management Systems (CMS) 156, 164, 396, 402  
critical digital literacies 358  
critical social theory 1125, 1472-1473, 1482  
critical success factors (CSFs) 220  
cross-sectional analysis 295  
cross-sectional methods 297  
cross-section of data 295  
cross tabulation 443  
cultural artefacts 348  
cultural aspect 820  
cultural changes 1105  
cultural conveyance 1353  
cultural location 1351  
culturally valid interfaces 1525  
cultural norms 820  
cultural schemata 1517  
cultural variability 1459  
cultured technology 283  
cyber bullying 1224  
cyber-citizenship 1265  
cybercultures 1265  
Cyber-Family Program 582  
Cyberia 773  
cyber-libertarian 977  
cyber safety 1224  
cyberspace 1257, 1265, 1354, 1357

**D**

Dairy Information System Kiosk (DISK) 817  
 Dalit collectives 858  
 Dalit community 852  
 Dalithood 857  
 Dalit organizations 858  
 Dalit-related imagery 865  
 Dalits 853  
 Dalit women 855  
 Dalit youth 855  
 Debt-Swap Mechanism 1161-1162  
 de-constructing literacies 25  
 deliberative features 68  
 democratic governments 43  
 democratic opening 854  
 demography 1685  
 developing countries 1273  
 Development Collaboration Octagon 257  
 diasporic discourses 1352  
 diasporic people 1351  
 diffusion of innovation 1762  
 diffusion of laptop technology 1121  
 digerati 985  
 digital access 760  
 Digital Access Index (DAI) 316  
 digital apartheid 1702  
 digital citizenship 758, 1257  
 digital city 541, 549  
     Amsterdam 542  
     Kyoto 542  
     Trikala 541-542  
 digital commerce 764  
 digital communication 762  
 digital competence 198, 1369  
 digital competence assessment 202, 1373  
 digital divide 4, 6, 8-9, 21, 29, 31, 36, 40, 64-65, 67, 85, 87-88, 175-176, 187, 193, 243-245, 279-280, 314, 322, 365-366, 368, 397, 473, 503, 523, 568, 577, 699, 701, 710, 716, 721, 775, 794, 796-797, 805, 814, 836, 985, 998, 1046, 1052, 1196, 1257-1258, 1271, 1279, 1305, 1324, 1328, 1350, 1385, 1402-1403, 1411, 1416, 1421, 1426, 1441, 1473-1474, 1490, 1535, 1537, 1555-1556, 1624, 1668, 1678-1679, 1685, 1688-1689  
 digital divide barriers 1307  
 Digital Divide Index (DIDIX) 283, 316  
 digital engagement 1290  
 digital equity 1473, 1485  
 digital etiquette 763  
 digital games 352

digital geography 545  
 digital health and wellness 766  
 digital immigrants 105, 736, 1134, 1240  
 digital inclusion 1193, 1198  
 digital inequality 43, 330, 1055  
 digital inequity 1473  
 digital landscape 1388, 1394  
 digital law 766  
 digital literacy 202, 573, 577, 761, 1220, 1373  
 digitally literate 1220-1222, 1229-1231  
 digital natives 86, 356, 415, 562, 637, 736, 1009, 1079, 1134, 1240, 1388, 1698  
 Digital Opportunity Index (DOI) 43, 48, 55, 316, 578  
 digital paper 532  
 digital pen 523-524  
 digital propensity 104  
 digital rights and responsibilities 765  
 digital security 767  
 Digital Subscriber Line (DSL) 295  
 digital technology 854  
 Digital Technology (DT) 242, 244, 1220, 1607  
 digital tools 1230  
 digital tourists 1385  
 digital wisdom 115  
 disabled population 138  
 disable tourism 1003  
 disadvantaged populations 996  
 Discourse theory 686  
 distance education 612, 1614  
 distance learning 397, 405, 1336  
 dual heritage 1357  
 Dubai Men's College (DMC) 414-415  
 duration analysis 295, 298

**E**

East Asian education 1474  
 e-champions 1791  
 eCitizen center 1048  
 eCitizen portal 1048  
 e-citizenship 1257  
 e-commerce 249  
 econometric regression 295  
 Economic and Statistics Administration (ESA) 66  
 Economic Commission for Africa (ECA) 823, 831, 1180  
 economic factors 1539  
 e-content 1091  
 educational intervention  
     implementation phase 616  
 Educational Content, Methodology & Technology (e-CoMeT) Lab 612, 630

## **Index**

educational games 611  
Educational Games Central (EGC) 613, 620, 635  
educational intervention  
    evaluation phase 618  
    preparatory phase 615  
Educause Center for Applied Research (ECAR) 1701  
effective access 23  
e-governance initiatives 1323, 1328  
e-government 40, 182, 248, 546, 1045  
E-government Action Plan 1 (eGAP1) 1046  
e-government initiatives 1327  
e-government readiness 1260  
e-government strategy 2  
E-Gram Suraj 1061  
e-inclusion 1, 6  
elder abuse 574  
elderly cohort 591, 593  
elderly population 136  
e-learning 1014, 1090  
Electronic Exclusion (e-Exclusion) 3  
emerging technologies 1145  
enabling technology 1623, 1628  
enterprise architecture 547  
Entertainment Software Ratings Board (ESRB) 349  
e-participation 4, 184  
e-readiness 314  
e-services 1281  
e-skills 1281  
ethnic cleavages 935  
ethnic identity 1355, 1359  
e-tourism 996  
Eurocities 544  
European Space for Higher Education (ESHE) 1075  
Evaluation 204, 1375  
evaluation framework 546  
exosystem 873  
experience of play 350  
Exploratory Factor Analysis (EFA) 443

## **F**

faculties 1387  
Felder-Silverman model (FSLSM) 264  
feminisation of poverty 1429  
frequency analysis 443  
Fez E-Government (e-Fez) Project 1777  
Fiber-to-the-Home (FTTH) 544  
filial piety 574  
financial incentives 926  
fixed content 488  
flexible learning 1223

Focus Groups Discussions (FGD) 221  
formal learning 122  
Fostering Community of Learners (FCL) 200, 1371  
Free and Open Source Software (FOSS) 731, 1026-1027

## **G**

game-based learning 348, 613, 1246  
game content 351  
game regulation 348  
GAT - See telematic academic management (GAT) system.  
gender-biased 820  
gender cohort 947  
Gender Evaluation Methodology (GEM) 1060, 1073  
gender gap 1426  
gender segregation 822  
Gender Training and Development Network (GTDN) 829  
general English course 408  
generational effects 933, 942  
Generation Me (GenMe) 1241  
Generation Me (GenMe) learners 1244  
geographic information 463  
Geographic Information Systems (GIS) 249, 598  
Global Digital Internet (GDI) 316  
global divide 365, 1321-1322, 1331  
global economy 1427  
Global e-Government Readiness Report 191, 217, 459, 930, 1056  
globalization 24  
global village 243  
Government-to-Business (G2B) 1047  
Government-to-Citizens (G2C) 914, 1107  
Government-to-Employees (G2E) 1047  
Government-to-Government (G2G) 1107  
Graphical User Interfaces (GUI) 1631  
graphics-based navigation 1093  
Greek Sign Language (GSL) 1094  
Green House Gas (GHG) emissions 1181  
grey digital divide 1645  
Gross National Income (GNI) 176, 795  
grounded theory 894

## **H**

Harnessing Information Technology for Development (HITD) 824  
hazard rate 298  
Higher Diploma Foundations (HDF) 415, 419  
higher order thinking skills 1223, 1232

High-Level Expert Group (HLEG) 823  
 Homer 649  
 Human Activity Assistive Technology (HAAT) model 142  
 Human Computer Interaction (HCI) 1457  
 Human Development Index (HDI) 43, 55, 251  
 human factors 1511  
 Human-Machine-Human Interaction (HMHI) 144  
 hyper networking 107  
 hyper texting 107  
 HyperText Markup Language (HTML) 898

**I**

ICT Enhanced Learning and Teaching (ICTELT) 414-415  
 ICT integration 962  
 ICT related policies 834  
 identity performance 685-686  
 identity theory 1355  
 IE Flower 659  
 independent variables 43  
 Indian Institutes of Technology (IIT) 986  
 industrial society 959-960  
 interface metaphors 1519  
 Infomation Society Project 834  
 informal learning 122, 1614  
 Information and Communication Technologies (ICT) 2, 22, 38-41, 51, 55, 279, 313, 721-722, 794, 832-834, 1067, 1072-1073, 1094, 1105, 1256, 1350, 1365, 1534, 1658, 1678, 1745, 1771, 1775  
 Information and Communication Technology for development (ICT4D) 1622  
 information as commodity 28  
 information behavior 92  
 information city  
     business layer 547  
     information layer 547  
     infrastructure layer 547  
     service layer 547  
     stakeholder layer 546  
 information economy 245  
 information literacy 21, 88, 1194  
 information policy 29  
 information politics 1306  
 information society 41, 833, 838, 1428  
 Information Society Department (ISD) 834, 842  
 Information Society Index (ISI) 316  
 Information Technology Access For Everyone (ITAFe) 22  
 information technology adoption 191, 213, 238, 1422

Innovation Diffusion Theory 1405  
 INSPIRE 265  
 Institutions of Higher Learning (IHE) 163  
 instructional strategies 878  
 instrumental learners 1611  
 Integrated Contextual Iterative (ICI) approach 279-281  
 integrated narrative 285  
 intellectual coherence perspective 1226  
 intellectual ethic 1705  
 intelligent tutor 636  
 Interactive Voice Response System (IVRS) 1211  
 interactive whiteboard 559  
 interface and content mismatches 650  
 interface metaphors 1517, 1519, 1531  
 intergenerational relations 573  
 internal digital divide 1105-1106  
 internal environment 136  
 International Labour Organisation (ILO) 246  
 International Monetary Fund (IMF) 835, 1486  
 International Telecommunication Union (ITU) 55, 316, 332, 456, 823, 1166, 1486, 1745  
 Internet access 63-64, 71-72  
 Internet and Mobile Association of India (IAMAI) 673  
 Internet architectures 1263  
 Internet cafes 722  
 Internet lingua franca 1264  
 Internet penetration 799  
 Inter Parliamentary Union (IPU) 1661  
 intra moenia divide 1623  
 Islamic Development Bank (IDB) 243  
 Islamic States Telecommunications Union (ISTU) 251  
 IT in developing countries 213, 237  
 IT in public administration 213

**J**

Japanese International Cooperation Agency (JICA) 10, 1571, 1574  
 jati interactions 984  
 Juggler's Brain 1705

**K**

Kartago system 532  
 KedaiKom 440  
 KedaiKom projects 439  
 Key Common Assessments (KCA) 419  
 Knowledge Assessment Methodology (KAM) 283  
 knowledge based cities 544  
 knowledge democracy 544  
 knowledge economy 245  
 knowledge poor 797

- knowledge rich 797  
knowledge society 196, 959, 961, 968, 1367  
knowledge technology 1446  
Korea Agency for Digital Opportunity and Promotion (KADO) 579  
Kruskal-Wallis H test 111-112
- L**
- Laboratory of Comparative Human Cognition (LCHC) 200, 212, 1371, 1382  
labor inputs 1448  
lack of information 924, 1003, 1204, 1214, 1218, 1430  
lack of knowledge 213, 222-223, 231-232, 234, 590, 1206  
laptop computer 1120  
learning by doing 875  
learning by playing 611  
Learning Management Systems (LMS) 125, 398, 401, 420, 611, 1088, 1151  
learning organization 1612  
learning strategies 639  
Learning Style based Adaptive Educational Systems (LSAES) 263  
learning technologies 879  
Least Developed Countries (LDC) 213-214  
Legitimate Peripheral Participation (LPP) 200, 1371  
Less Economically Developed Countries (LEDC) 1461  
Library and Information Science Abstracts (LISA) database 1192-1193  
Lifelong Learning Institutes (LLI) 1644  
Likert scale 111  
linear probability model 298  
Link Quality Source Routing (LQSR) 672  
Local Area Network (LAN) 440  
Location-Based System (LBS) 598  
Logical Framework Analysis (LFA) 1758  
lower-middle income countries 1559, 1568  
low income countries 1559, 1568  
Lucky Few 938
- M**
- macro-basic technology 405  
macro-course technology 406  
macro-distance learning 406  
macrosystem 873  
Malaysia Communication and Multimedia Commission (MCMC) 439, 457  
Mann-Whitney U test 112-113  
marginalisation 777  
marginalised 1290  
Mauritius 477-481, 486-489, 491, 493-496, 498-500  
Medieval Realms 650  
mental models 1517, 1520  
Mesh Connectivity Layer (MCL) 672  
mesosystem 873  
Metropolitan Area Networks (MAN) 544  
micro-basic technology 406  
micro-course technology 407  
micro-distance learning 407  
microsystem 873, 876  
Middle East and Central Asian (MECA) 253  
millennials 1009  
millennials 104, 108  
Millennium Declaration 250  
Millennium Development Goals (MDG) 250, 1179  
mind scripting 392  
Minority- and Women- owned Enterprises (MWE) 1491  
m-learning 416  
Mobile Assisted Language Learning (MALL) 124  
mobile cities 544  
mobile computing 996  
mobile devices 121, 642  
mobile GIS 592, 598  
mobile networks 1000  
mobile technologies 1009, 1011  
mobile telephony 800  
modalities of representations 1227  
monotopical indices 281  
monotopical measurements 281  
monotopical relations 281  
moral panic 1135  
mother India 982  
multicollinearity 179  
multimodal error correction 597  
multimodal interaction 591, 596  
multimodal interfaces 591-592, 596  
multimodal output 596  
multimodal representations 1227  
multimodal systems 591  
multiple literacies 21, 1227-1228  
multiple literacies pedagogy 1220  
multiple representations 1226  
Multipurpose Community Telecentre (MCT) 1759, 1768  
multi-purpose PIAP  
    branch management 514  
    central management 514  
    local management 514  
multivariate statistical model 1495

**N**

National Computer Board (NCB) 1046  
 National Informatization Quotient (NIQ) 317, 332  
 national policy 40  
 National Telecommunications and Information Administration (NTIA) 1105, 1258, 1512  
 National Telecommunications and Information Association (NTIA) 22  
 navigation and visualization 637  
 navigation patterns 638-639, 646  
 navigation tools 647  
 net generation 1010  
 networked learning 1140  
 network effects 1457  
 Network Readiness Index (NRI) 247, 283, 316  
 network society 1427, 1680  
 neurofeedback 143  
 new literacies 21  
 new media literacy 1623  
 New Millennium Learner (NML) 1721  
 New Public Management (NPM) 1772  
 nomalisation thesis 1258  
 Nominal Group Technique (NGT) 221  
 Non-Governmental Organizations (NGO) 982  
 non-learners 1611  
 non-linearity 187  
 non-traditional students 395  
 not-for-profit 1290  
 not-for-profit organisation 1293

**O**

Octagonal Collaboration Model 257  
 offered services 549  
 Office of Film and Literature Classification (OFLC) 348-349  
 Official Payments Corporation (OPC) 912  
 One Laptop per Child (OLPC) 188  
 one-way informational media 1139  
 onlilne learning community 1341  
 online communities 745  
 Online Computer Library Center (OCLC) 93  
 online faculty 1336  
 online games 583-584  
 online learning 1647  
 online literacy 154, 1221  
 online participation 64  
 online payment 912  
 online teaching 1344  
 online transactions 915

online tutorials 405-406  
 optic array 641  
 Ordinary Least Squares (OLS) 298, 1502  
 Ordinary Least Squares (OLS) regressions 1502  
 organizational culture 1112, 1292  
 Organization for Economic Cooperation and Development (OECD) 22, 1078, 1257  
 Organization for Economy Cooperation and Development (OECD) 823  
 Organization of the Islamic Conference (OIC) 242-243  
 Output-Based Aid (OBA) 1159  
 Overseas Private Investment Corporation (OPIC) 1169

**P**

pairwise comparisons 112  
 pairwise differences 112-113  
 Panchayati Raj system 1061  
 Pan European Game Information (PEGI) 349  
 paper remote 533  
 parial knowers 1140  
 people-centric Web 798  
 Perceived Behavioral Control (PBC) 480  
 Perceived Intensity of Civil Conflict (PICC) 1288  
 permanent learners 1610  
 Personal Digital Assistants (PDA) 416, 818, 1497  
 Personalized Learning Environments (PLE) 1141  
 Pew Internet Research 1513  
 PFnet services 1571  
 PIAP financing 517  
 PIAP infrastructure 516  
 PIAP management 517  
     Kiosk model 514  
     mini-model 514  
     mobile 514  
     multi-purpose 514  
 PIAP operation 517  
     Kiosk model 515  
     mini-model 515  
     mobile 515  
     multi-purpose 515  
 PIAP planning 517  
 PIAP services 517  
 PIAP usage 518  
 places of action 618  
 podcasting 1013  
 Points of Interest (POI) 592  
 political expression 44  
 political participation 44, 51, 54, 69, 1210, 1215, 1306-1308, 1316, 1429, 1474, 1484, 1658, 1660-1662, 1671, 1674

## **Index**

political power 978  
political will 2, 26, 30, 219, 222, 226, 231, 233, 1316, 1418  
Prensky, Marc 1136  
Press Freedom Index 44  
probit estimation 301, 305  
probit model 296  
probit regressions 295  
Problem-Based Learning (PBL) 1143  
Problem-Oriented Project Pedagogy (POPP) 1143  
productivity paradox 1442  
productivity tool support 405  
professional development 1345  
projective identity 686  
Property Valuation Administrator (PVA) 923  
proportional hazard models  
    exponential model 298  
proprietary code 1264  
psychological benefits 577  
Psycho-Pedagogical Paradigm 198, 1369  
Public Internet Access Points (PIAP) 502-503, 519, 722, 727, 730  
    advertising 516  
    Kiosk model 510  
    mini-model 511  
    mobile 510  
    multi-purpose 511  
    user participation 516  
    user satisfaction 516  
public internet kiosks 477-481, 485-489, 491-496  
public policy 40  
Public-Private Partnerships (PPP) 1154  
public sphere 855  
Public Telephone Operators (PTO) 1749

## **Q**

Quality of Life (QoL) 137

## **R**

racial identity 1356-1357, 1359  
Really Simple Syndication (RSS) 1135  
Recruiting the Next Generation (rng-study) 1722  
recursive algorithm 621, 634  
Research Institute of Science for the Better Living of the Elderly (RISBLE) 572-573, 581  
Return on Investment (RoI) 1176  
Roadmap of eGov for Good Governance (ReGoGoGo) 1780  
Rural Development Volunteer Association (RDVA) 1572

## **S**

Sarpanchas 1060  
scaffolded course 420  
Scheduled Castes 853  
Scheduled Tribes 853  
scientifically literate 1219, 1225, 1229  
scientific literacy 1225-1226, 1233  
screenagers 1698  
second order effects 723  
Secretary's Commission on Achieving Necessary Skills (SCANS) 1607  
Self Employed Women's Association (SEWA) 982  
self-help approach 1644  
self-identity 1356  
self-programming 967  
seminars 406  
service delivery 915  
service fee 915  
service provider infrastructure 367, 1326  
service providers 365, 1323  
sex difference 939  
Simputers 371, 1061, 1328  
situated learning 1233  
skills-based organizational change 1450  
skills-based technological change 1451  
Small and Medium Enterprises (SME) 313  
social acceptance 689, 691, 1002  
social capital 1001  
Social Cognitive Theory (SCT) 481, 1406  
social constructivism 1335-1336  
social divide 1280  
social exclusion 1683  
social inequality 1535  
social interactions 879, 1457  
social learning theory 820  
social mobility 1001  
social networking 638  
social networks 1504, 1544, 1643, 1645  
Social Networks Sites (SNS) 744  
social power 978  
social stratification theory 977-978  
sociocultural theory 415  
socioeconomic characteristicss 365, 1321, 1323-1324  
socio-economic development 1561  
Soft Systems Methodology (SSM) 1113  
software engineering 380  
Software Project Observatory Framework (SPoF) 550, 555  
Solomon Islands Broadcasting Corporation (SIBC) 1585

Sonoran Desert 650  
 special needs 145, 150, 467, 472, 545, 550, 562, 1002-1003, 1090, 1095, 1097, 1209, 1607, 1750  
 Spiral Technology Action Research (STAR) model 780  
 Sri Lanka Telecenters Project 504, 511  
 standard model of education 1076  
 Statistical Indicators Benchmarking of the Information Society (SIBIS) 283  
 Statistical Program for Social Science (SPSS) 443  
 stratified society 977  
 student centerd 1010  
 style of life 979  
 Subject Matter Experts (SME) 884  
 successful aging 1641  
 Support for ICT Task Force (SICT) 216  
 surface electromyographic (SEMG) 143  
 synchronous virtual classrooms 612  
 synthetic index of digitalization 316

**T**

teaching 208, 1379  
 technical support 566  
 technological blending 1752  
 technological determinism 68, 1627  
 technological diffusion 65  
 technological distance 854  
 technological intensity 1560  
 technological literacy 1624  
 technologically mediated environment 1233  
 Technology Acceptance Model (TAM) 1403  
 Technology Achievement Index (TAI) 316  
 technology adoption 1403, 1409  
 technology as a public good 1472-1474, 1482-1485  
 technology policy 368  
 telecentres 704-705  
 telecommunications 699  
 telecommunications sector 42  
 teledensity 1559, 1745  
 Telematic Academic Management (GAT) system 1084  
 Telesecundaria program 248  
 teleworking 1434, 1437  
 textured gradients 641  
 Theory of Planned Behavior (TPB) 1404  
 Theory of Reasoned Action (TRA) 1403  
 Time-Varying Covariates (TVC) 299  
 Trade-Related Aspects of Intellectual Property Rights (TRIPS) 979  
 traditional learners 1611  
 transitional technologies 33  
 TREN system 1085

trickled down 976-977  
 triple-loop learning 385  
 trust development 1464  
 Tulip project 660  
 Turkish Statistical Institute (TSI) 839  
 two-way conversational and interactional media 1139

**U**

ubiquitous city 542  
 ubiquitous computing 545, 1122  
 ubiquitous society 579  
 unified platform project 146  
 Unified Theory of Acceptance and Use of Technology (UTAUT) 1410-1411  
 United Nations Capital Development Fund (UNCDF) 1761  
 United Nations Educational, Scientific and Cultural Organization (UNESCO) 315, 823  
 Universal Access Funds (UAF) 1176  
 universal design 145  
 University of the Third Age (U3A) 1640, 1644  
 urban planning 464  
 urban/rural divide 699  
 user centered interface 1630

**V**

variable content 488  
 varna system 984  
 vehicle registration 917  
 Victorian Health Promotion Foundation (VicHealth) 775  
 videocasts 126  
 video gamer 686  
 video games 685  
 Video Standards Council (VSA) 349  
 virtual classroom 614, 622  
 Virtual Learning Environments (VLE) 1141  
 Visio-Audio-Kinesthetic (VAK) 139, 142  
 visual imagery 854, 862  
 vocabulary acquisition 418

**W**

wage dispersion 1452  
 Web 2.0 32, 415, 964, 1456  
 Web 1.0 culture 735  
 Web 2.0 culture 735  
 web-based activities 1232  
 Web-based Educational system with Learning Style Adaptation (WELSA) 262-263

## ***Index***

- Web-Based Training (WBT) 611  
Web Measure Index (WMI) 43, 46, 56  
WebQuests 1232  
Wesch, Michael 1700  
Wireless Mesh Network (WMN) 668-670  
Women's Technology and Development Network (W.TEC) 829  
Work Development Indicators (WDI) 45  
working spheres 1705  
workplace learning 1611  
World Health Organisation (WHO) 776, 803  
World Summit on the Information Society (WSIS) 316, 1180  
World Summits on Information Society (WSIS) 836  
World Trade Organization (WTO) 835
- Y**  
yFiles project 659
- Z**  
Zone of Proximal Development (ZPD) 891, 1335