

Index

Volume I, pp. 1-744 / Volume II, pp. 745-1330

Symbols

(Gender Defined) Horizontal Segregation 30
 (Gender Defined) Vertical Segregation 30
 1V1C 839
 35-Hour Working Week 849

A

AAUW (see American Association of University Women)
 ability 1099
 academic
 librarians (LIB) 128
 persistence 1081
 professional 139
 academics 138
 access 130, 180, 1317
 gap 264
 to computer technology 284
 accountability procedures 768
 accredited institution 818
 achievement 243, 507
 goal theory 900
 in science 1206
 ACM (see Association for Computing Machinery)
 ACM TechNews 11
 acquired immunodeficiency syndrome (AIDS) 1112
 actability 1052
 action
 plan 1140
 coping 275
 learning 961
 actor-network theory (ANT) 145
 adaptability 878
 adaptation 119
 adaptor 801
 adolescence 507

adolescent 507, 890
 girls 978
 adolescents' attitudes about IT careers 507
 Advanced Research Projects Agency's network (ARPANET) 1309
 advocacy 1173
 affective
 coworker support 862
 responses to attitude 551, 555
 affinity groups 731
 affirmative action 473
 legislation 468
 Africa 786
 African 1054
 American 1054
 after school program 732
 agency 120
 agents of change 69
 agile approach of software development 250
 agile software development 252, 253, 255, 1330
 agreeableness 985, 989
 AIDS (see acquired immunodeficiency syndrome)
 ALN (see Asynchronous Learning Network)
 ambivalence 117
 America Online (AOL) 944
 American Association of University Women (AAUW) 288
 America's Army: Operations 692
 androcentric 615
 androcentric dominance online 624
 android 951
 Anita Borg Institute 614
 ANOVA 563
 anti-essentialism 1171
 anti-essentialist 1166
 antifeminism 1161
 AOL (see America Online)

APC (see Association for Progressive Communications)
 applied
 computing 885, 889
 IT 480
 science 531
 appreciative inquiry 275
 aptitudes 1006
 ARPAN (Advanced Research Projects Agency's network) 1309
 Arab
 women 1230
 world 772, 1230, 1237
 Art of Decision 820
 Articulation 925
 Artificial 534
 artificial intelligence 315
 Artistic 996, 998
 ASG Country 1265
 Asian 1111
 ethnicity 798
 assessing student needs 372
 Association for Computing Machinery (ACM) 7, 11
 Association for Progressive Communications (APC) 794
 ASX (see Australian Stock Exchange)
 asynchronous
 CMC 384, 698
 learning 108
 Learning Network (ALN) 628
 attention investment model 400
 attitude 117, 260, 550, 555, 649, 1024
 attitudes
 about technology 1023
 towards the Internet 695
 attrition 302
 rate 506
 audit 72
 Australia 44, 890
 Australian 494, 1105
 IT
 degree studies 798
 industry 467
 Stock Exchange (ASX) 70
 Austria 971
 authenticity 937, 944
 avatar 18, 621, 692, 931, 937, 944
 AWISE 73
 ayalkootam 794, 797

asynchronous/synchronous 938

B

Bachelor of Applied Computing 889
 Bachelor of Science (BS) 714
 back office 199
 back-on-track 1179
 backwardness 412
 bandwidth 493
 Bangalore 741
 Bangladesh 186, 190, 423, 424, 425
 barriers 349, 644, 1184
 basic life skills 354
 Beijing
 Declaration and Platform for Action 1176
 Platform for Action (BPFA) 1323
 below poverty line (BPL) 839
 BEME.com 179
 Benin City 1317
 Best Practices 1140
 Big Five Personality Constructs 985
 biographical
 (life story) patterns 66
 interview 65, 69, 849
 biological
 determinism 340, 1018
 reductionism 36
 biologically reductionist 32
 birth strike 662
 bisexuals 1163
 black box 1148
 blended
 environment 1204
 learning 133, 390
 Web-based learning 1209
 blog 492, 616, 621, 931
 blogging 377
 board
 /board of directors 75
 composition 75
 boards 70
 body 882
 language 946
 boundary work 171
 boy-wonder theory 812
 boys' club mentality 1091
 brain drain 898, 1233, 1237
 British Computer Society 1243

Index

- Brundtland Report 428
- BS (see Bachelor of Science)
- BSc 971
- bug 549
- Burqa 396
- business imperatives 73
- business management 849
- C**
- CACs (see community access centers) 98
- call centre 199
 - capital of the world 194
- Canada 1184
- capacity building 413
- capitalism 759
- career 44, 84, 507, 609, 611, 612, 881, 1038, 1101, 1166, 1292
 - aspirations 323
 - break 1293, 1296
 - challenges 88
 - choice 44, 476, 963
 - commitment 862, 1137
 - conversations 965
 - development interventions 295
 - interest barriers 354
 - ladder 868, 1223
 - mentoring 1029, 1034
 - progression 781
 - related decisions 1212
- caring responsibilities 201
- Carnegie Mellon xlii
- caste 797
- CBO (see community-based organization)
- CBT 390
- CDSS (see clinical decision support systems)
- CE (see computer engineering)
- CEE (see Central and Eastern Europe) 405, 409
- census data 467
- Center for Women and Information Technology (CWIT) 1078
- Central and Eastern Europe (CEE)
- cerebral lateralization 713
- challenged 802
- Chandigarh 741
- change 1048
- chat 363
 - room 363, 931, 939, 944
- child sex ratio (CSR) 94
- childcare 52
- children 13
- chilly climate 1222
- chora 882, 884
- CIS 409
- classroom 122
- client/server development 20, 24
- climate 856, 1140
 - building 372
 - for opportunity 856, 1136
 - opportunity 862
 - in the classroom 112
- clinical
 - decision support systems (CDSS) 514
 - reminder system (CRS) 514
- cluster 781
- CMC (see computer-mediated communication)
- co-evolution 1013
- COBOL (see COmmon Business Oriented Language) coding 1153
- coeducation 975
- cognitive factors 715
- cognitive
 - map 578, 579, 582
- cognitive
 - responses to attitude 551, 555
 - schemas 1030
 - style 19, 105, 108, 713, 799
- collaborative
 - and interdisciplinary learning 1128
 - learning 270, 300, 384, 390, 957, 961
 - learning and pair programming 271, 272
 - or group learning 575
- collective 1310
 - identity 160, 165
 - self-esteem 912
- collectivism 55
- college-bound 976, 977
- comfort
 - level 831
 - zone 1129
- commercial priorities 182
- commitment 859
- committed 243
 - need profile 248
- Common Business Oriented Language (COBOL) 1010
- Commonwealth of Independent States (CIS) 405, 409

- communication 570
- patterns 104
 - skills 1099
- communist
 - feminism 656
 - system 693
- community
 - access
 - centers (CACs) 98, 101
 - or Telecenter 268, 1126
 - to ICT 1124
- community computing 133
- community-based organizations (CBO) 839
- comparative studies of men and women IT employ-ees 216
- competitive
 - careers 1326
 - worldview 1287, 1288
- compulsory heteronormativity 172
- computer
 - access 707
 - age 631
 - anxiety 695, 696, 698
 - assisted animation 199
 - attitude scale 555
 - attitudes 696, 698
 - based farm 494
 - culture 336, 340, 708
 - educators 557
 - engineering 315, 907
- computer engineering (CE) 289
 - ethics 549, 1142
 - experience 109, 110
 - fluency 728
 - games 682, 684, 685, 687
 - geek 1091
 - literacy 740
 - lobby 953
 - magazines 630
 - mediated communication (CMC)
 - 104, 108, 340, 361, 378, 558, 559, 589, 594, 696, 746, 1113
 - piracy 549
 - science (CS) xxxiv, 77, 109, 135, 139, 224, 228, 289, 303, 365, 480, 501, 615, 621, 705, 706, 714, 808, 819, 826, 871, 900, 907, 971, 1010, 1092, 1098, 1142, 1222, 1239, 1258, 1280, 1306, 1308, 1326
 - at Austrian universities 975
 - bachelor studies 971
 - scientist 512
 - self-efficacy 109, 666
 - skills 564
 - socialization 624
 - support
 - committees (CSCs) 840
 - services 512
 - systems analyst 512
 - teacher 512
 - technology 128
 - training camps 842
 - use 1024
- computing 424, 446, 474, 726, 1274
 - education 1273
 - expertise 101
 - graduates 885
- concept maps 391
- conceptual framework 322
- conceptualizer 465
- confidence 399, 400, 583, 727
 - building 637
 - with technology 326
- Confucian Heritage (CH) 1106
 - Culture 1111
- connectivity 489
- conscientiousness 20, 985, 989
- console 18
- constructive learning 384
- constructivism 575
- constructivist 385
 - pedagogy 629
- consultants 1228
- contemporary cybertheory 883
- content classification schema and method 558
- contextual approach 65
- control 258
- conventional 996, 998
- cooperative
 - design 608
 - learning 961
- coping 1034
 - mechanism 584
 - strategies 1075, 1080
- copyright 543, 549
- core self-evaluation (CSE) 989, 1265
 - scale (CSES) 986
- core skills 1100
- corporate

Index

- governance 76
 - social responsibility 739
 - cosmopolitan culture 197
 - cost-benefit studies 769
 - cotton 494
 - CottonLOGIC 499
 - covert discrimination 30
 - coworker
 - support 857
 - support 1136
 - coworkers 857
 - CRDC 499
 - creative
 - expression skills 1099
 - technology 820
 - critical
 - mass 640
 - research 145
 - social theory 142
 - CRM (see customer relationship management)
 - cross-cultural information systems 149
 - CRS (see clinical reminder system)
 - CS (see computer science)
 - CSCL 391
 - CSDTs (see culturally situated design tools)
 - CSE (see core self-evaluation)
 - CSIR Mark 1 757
 - CSR (see child sex ratio)
 - CSW (see UN Commission on the Status of Women) 1177
 - cultural
 - barriers 644
 - expectations 1030
 - factors 160, 1262
 - hybridity 1061
 - knowledge 699
 - situated design tools (CSDTs) 1054, 1061
 - culture 8, 45, 51, 474, 881, 912, 1030, 1056, 1107, 1193
 - curiosity 730
 - current population survey (CPS) 851, 854
 - curriculum 1006, 1142
 - customer relation management (CRM) 674
 - CWIT (see Center for Women and Information Technology)
 - cyber 493
 - crime 1197
 - harassment 493
 - stalking 1198
 - cyber/ecofeminism 172, 177
 - cybercottage industries 763
 - cyberfeminism 173, 762, 764, 884
 - cyberfeminists 762
 - cyberpunk literature 883
 - cybersex 939
 - cyberspace 363, 614, 761, 882, 1013, 1017
 - cyberstalking xxxvii
 - cyborg (cyber and organism) 177, 621, 948, 951
 - theory 762, 764, 948
 - cyborgization 948
 - Czech
 - government 1277
 - type 1278
 - Republic 1273, 1278
- ## **D**
- DAI (see digital access index)
 - data
 - collection 839
 - methods 1205
 - dictionary 1104
 - mining 815, 819
 - switching exchange (DSE) 1017
 - database
 - administrator 513
 - management 55
 - datatid 631
 - de-gendering 447
 - Debian
 - GNU/Linux and Debian-women 1291
 - Project 1291
 - women 1289
 - project 1150, 1291
 - decision support systems (DSS) 494, 499
 - decision-making 426
 - theories 374
 - deficit model 1217
 - deindividuation 589, 594
 - democratic consolidation 662
 - demographic
 - characteristics 850
 - profile of teleworkers 462
 - departmental characteristics 715
 - dependent variable 654
 - design 603
 - intention 178
 - practice 178, 179, 183

- developer 465
 countries 185, 417, 422, 423, 426, 786, 794, 1317
 developing world 1013
 development 411, 786
 activities 608
 organizations 258
 work 849
 developmental
 software 839
 trajectory 516
 analysis (DTA) 516
 differences 543
 among women xxviii
 between men and women xxviii
 diffusion 6
 of
 information technologies 493
 innovation theory 493
 digital access index (DAI) 778
 digital
 age 173
 and gender divides 839
 divide 97, 101, 133, 185, 190, 191, 262, 264, 288, 333, 385, 409, 411, 432, 493, 564, 636, 644, 705, 709, 751, 772, 778, 786, 791, 838, 917, 919, 1062, 1116, 1172, 1230, 1231, 1237, 1315
 exclusion 642
 gender divide 721, 726
 inclusion 642
 industry management xxxix
 satellite
 broadcast 1281
 broadcasting 1284
 technology 682
 direct
 discrimination 734, 738
 effect 1028
 payments 360
 disadvantaged groups 411
 disaggregated data 409
 disciplinary characteristics 716
 discourse 635, 920, 923, 925, 1190
 theory 920, 925
 discriminated 999, 1000
 languages online 1287
 discrimination 200, 615, 999, 1004, 1019
 in pay systems 201
 discriminatory practices 1217
 discursive practices 1190
 discussion board 377
 disembodiment 947, 949
 disparities 178
 dissemination 831
 distance education 103, 108, 372, 622
 technologies 622
 distributed
 knowledge 1013
 work 465
 diversity 76, 249, 386, 709, 1005, 1062
 projects xlii
 division of labour 482, 483, 484, 485
 doing gender 881, 1268, 1272
 approach 1268
 domestic 1293
 labour 483, 484, 487
 landline telephone 1162
 technology 484, 487
 violence 659
 domestication 43, 171, 482, 484, 630
 of technology 635
 dominant narratives 43
 dot-com
 boom xxxvi
 bubble 871, 875, 1325
 crash 849
 era 871
 double articulation 43
 downturn 50
 dowry 94
 drop-out rates 1194
 DSE (data switching exchange) 1017
 DSS (see decision support systems)
 DTA (see developmental trajectory analysis)
 dualisms 1109
- E**
- EAR (see ethnographic action research)
 e-skills UK 1243
 early intervention in IT education 1031
 earnings regression 233
 East Europe 693
 e-business 614
 eco-centric zero-growth 428
 eco-centrist 428
 eco-evelopment 428, 432

Index

- eco-feminism 139, 172, 177, 429, 432
- eco-feminist 135, 172
- economic 802
- eco-social sustainability 172
 - self-reliance 259
- e-democracy 409
- education 52, 83, 646, 684, 890
 - deficit model 1222
- educational
 - background 1211
 - choice 325, 815, 1030
 - environment 44
 - institution 343
- EE (see electrical engineering)
- e-empowerment 236, 240, 241
- effective tailoring 638
- efficacy 508, 513
- eGov 1017
- e-governance 1, 259
- e-health 1116
- eHomemakers 257, 765
- e-homepreneur 262
- Eid-ul-Fitr 396
- elder care 463
- e-learning 385, 391
- electrical engineering (EE) 310, 315
- emblems of oppression 1166
- emoticon 363, 361, 937, 946, 951
- emotion 180
- emotional intentions 180
- emphasized femininity 1161, 1165
- employment 844
 - arrangement 242, 248
 - characteristic 248
- empower 1288
- empowerment 6, 237, 240, 257, 411, 794, 236, 797, 1267
 - agenda 1272
 - theory 1116
- encouragement 300
- end user 404
 - computing 398, 404
 - programming 398, 404
- e-networking 261
- engineering 224, 228, 341, 355, 760, 1305
- engineering and technology (E&T) 77
- English 565
- enrollment 976
- enterprise resource planning (ERP) 1011
- enterprising 998
- entrepreneur 741, 1270
- entrepreneurship
 - activity 83
 - education 80, 83
- environment 1007
- environmental 544, 1006
 - variables 1011
- epistemological pluralism 616, 621
- epistemology xxx, 335
- equal
 - access 1012
 - level perspective 1017
 - opportunities 833
 - commission (EOC) 205, 1243
 - opportunity 473, 999, 1004
 - for Women Agency (EOWA) 70
 - Pay Act 205
- equality xl, 999, 1004
 - for Women Measure 360
- equalization phenomenon 595
- equity issues 1184
- ERNET 744
- ERP (see enterprise resource planning)
- e-service 409
- ESF (see European Social Fund)
- essentialism 49, 152, 1022, 1159, 1171
- essentialism 36, 216, 223, 340
- essentialist 33, 1166
 - perspective 342, 347
 - theory 148
- ethernet card 1308
- ethical 543
 - consideration 649, 654
 - decision-making 649
 - issues 1142
- ethicist 549
- ethics 543, 549, 649, 1142
 - in IT 544
- ethnic
 - culture 283, 288
 - minorities 636
- ethnicity 705, 798, 907, 1167
- ethnographic action research (EAR) 393
- ethnography 1291
- ethnomathematics 1055, 1061
- ethnonationalism 662
- ETO services 982

- European
 Social Fund (ESF) 832, 1253
 Working Time Directive 849
everyday life 117
evidence-based medicine 515
evolution of It professions 446
exclusion 130, 411, 636
 of women 27
 perspective 1222
executive positions 9
exogenous variable 1028
expectation-states theory 595
expectations 507
expectations for success 513
experience gap 1128
explicit user-representation techniques 680
external regulation 900
extracurricular involvement 300
extraversion 985, 989
extreme programming (XP) 250, 255, 957, 962
extrinsic
 -economic 902, 905
 motivation 900, 906
 motives 670
 -self 902, 906
 -social 902, 906
- F**
- face-to-face (FtF) 589
 classroom 372
 methods 696
faculty 122, 297
familial structures 345
family 51, 461
 -career conflict 8
 computer cultures 708
 interfering with work (FIW) 461
 responsibilities 1178
 roles 657
 -work contrast barriers 878
farm management 494, 499
Fasgrolia 364
fast-tracker 868
favoritism 1035
FE colleges (see further education colleges) 323
feedback 413
 on design 680
feeling-based knowledge 172
female 963
 attrition rates 502
 computer
 professional 1238
 science enrollment xlii
 engineers 972
 entrepreneurship 1267, 1268, 1270
 foeticide 90, 94
 high school students 349
 IT
 role models 354
 students 306
 participation 885
 rate 889
 retention rate 889
 share 1224
 stereotypes 683
 underrepresentation 50
 users' expectations 178
feminine 172
 technology 723
femininity 876, 1030, 1041
feminisation 832, 1257
feminism 31,
145, 183, 338, 339, 738, 1167, 1171, 1291
feminist 166, 583, 603, 716, 1019, 1286
 cyborg theory 762
 epistemologies 1166
 methodology 821
 research methodologies 821
 reticence to technologies 761
 standpoint theory 216, 223, 335
 studies 1160
 technology studies (see techno-feminism) 1153
 technoscience 1012, 1013
 theory 32, 145, 1116
 writings 528
feminization 1036
feminized 872
FidoNet 1284
finances 260
financial barriers 645
Finland 136, 780, 1267
firm-specific training 567
first-person shooter (FPS) 18
fit 248
 theory 242
FIW (see family interfering with work)
flame 364

Index

- flaming 698
- flexibility 243, 385, 878
 - for personal development 372
 - work practice 1257
- flextime 1215
- FLOSS (see free/libre open source software)
 - social world 1287
- flow 663, 670
- focus group 306, 1140, 1291
- formal education 1099
- foundation course in SET for women 356
- Fourth-Generation Language 1011
- FPS (see first-person shooter)
- fractals 1056
- framework 378
- framing 951
- free/libre open source software (FLOSS)
 - 1050, 1052, 1148, 1286, 1289, 1291
- free-source software models 1172
- Free/Libre/Open Source Software (FLOSS) 1285
- Friedan, Betty 1303
- full-time worker 854
- further
 - education (FE) colleges 323
 - training 506
- future professionalisation trends 449
- G**
- G8 1323
- gay 1160
 - men 1163
- gaydar 1163
- GCG (see Girls Creating Games GCG 728
- geeking 872, 875
- geeks 354
 - and hackers 354
- geeky 78
- GEM (see gender empowerment measure) 778
- gender xxxiii, 6, 31, 33, 36, 165, 178, 236, 268, 462, 482, 483, 485, 534, 609, 610, 611, 612, 635, 636, 654, 656, 663, 699, 700, 701, 702, 705, 764, 785, 793, 808, 881, 907, 920, 921, 922, 925, 1012, 1113, 1116, 1126, 1142, 1193, 1216, 1233, 1235, 1257, 1267, 1271
- gender
 - analysis 268, 656, 1126
 - and
 - computing 1273
 - differences in teaching styles 374
 - ICT 166, 642
 - ICTs in a global society 793
- appropriate 368, 693
- as
 - performance 65, 216
 - relation 1169, 1171
 - variable 1169, 1171
- aware participatory
- balance 422, 503
- barriers 279
- based stereotyping
- bias 135, 139, 447, 504, 506, 831, 881
- biased 879
- binaries 642
 - and essentialisms 637
- blindness 334, 1257
- composition 298, 850
- computing gap 474, 480
- congruity 1029, 1034
- constancy 1030, 1034
- continuum 55
- contract 172
- core 34
- dichotomies 171
- differences 13, 372, 399, 524, 546, 550, 577, 973, 1068, 1137, 1211
 - in
 - demographic characteristics 852
 - earnings 233
- differentials 228, 422, 850
- digital divide 405
- discourse 378
- disparity 1315
- divide 25, 26, 30
- empowerment 259, 410
 - measure (GEM) 778
- equality 57, 417, 501, 1272
- essence 34
- essentialism 642
- gap 193, 411, 493, 564, 583, 705, 721, 727, 730
 - in IT use 565
- HCI 398, 404
- governance framework 259
- heterophily 494
- homophily 499
- identity 604, 610, 614, 1030, 1034, 1075
- imbalance 64, 323, 411, 752, 801

- in
 - ICT 165, 642
 - professions 69
 - Web acceptance 665
- inappropriate 368
- inequalities 733
- inequality 564
- inequity 1199
- influences 558
- issues 1199, 1203
- in computer use 1199
- knowledge 258
- labels 631
- mainstreaming 262
- methods 1125
- neutral 446, 755, 1270
 - categories 561
 - entrepreneurship 1270
 - environment 695, 698
- neutrality 693
- normative 1032, 1034
- pay gap 200, 205, 224, 226
- policies 1274
- problem 838
- relations 334, 733
- representation 276, 632
- role 162, 483, 694, 713, 736, 738, 819, 909, 912, 1020, 1030, 1034, 1077, 1080
- schemas 218
- script 171
- segregation 757, 1223
- sensitive design practices 675
- similarities and differences 857
- socialization 1211
- specific work 760
- stereotype 447, 683, 881
- stereotyping 288, 473, 698
- studies 819, 1271
- symbolism 171
- theories 374
- traits 161
- typing 1257
- vagueness 932
- vs. individual 73
- wage gap 852
- gendered 1287
 - attrition 715
 - attrition rate 302, 720
 - body 703
 - culture 755
 - division of labor 166
 - interaction online 926
 - Interactive Network of E-Learning 386
 - place experience 703
 - social structures 1212
 - structures 182
- gendering 139
 - identities 609
 - practice 615
- General Occupational Theme (GOT) 998
 - Public License (GPL) 1291
 - skills 88
- generalized self-efficacy 985, 989
- genetic modification 1019
- Geneva Plan of Action (PoA) 1173
- geographical information system (GIS) 199, 674
- Germany 448
- get-rich-quick mentality 871
- Getsmart 1204
- ghosts 947, 949
- GirlGeeks 614
- girls 727
 - Creating Games (GCG) 728
 - in Science and Technology (GIST) 826, 831
- Girls on Track (Got) 976, 982, 1325, 1330
- girl's games 682, 686
- GIS (see geographical information system)
- GIST (see Girls in Science and Technology)
- GKP (see Global Knowledge Partnership)
- glass
 - ceiling 27, 30, 83, 733, 738, 863, 868, 881
 - door 27
- global
 - banking systems 953
 - employment market 952
 - Knowledge Partnership (GKP) 1319
 - labor market 896
 - media 393
 - trade 739
- globalization 199, 772, 1270
- glossy magazines 184
- GNU/Linux 1153
- “Good Degree” 1243
- gosu 18
- Got (see Girls on Track)
- GOT (see General Occupational Theme)
- governance 70, 263
 - as accountability 258

Index

- government 739
- GPL (see General Public License)
- graduate
 - diploma in applied computing 889
 - school 300
- Grameen Bank 187
- graphic user interface (GUI) 1099
- Green Card 898
- group
 - and grid dimensions 308
 - development 384
 - profiling 516
- groupthink 873, 875
- groupware 384
- Grrrl Zines 1022
- GUI (see graphic user interface)
- guidance officer 44, 49
- Gulf states 1237
- H**
- H-4 Visa 899
- H1-B Visa Program 898
- H1-B Visa program 896
- hacker 354, 475, 1222
- hacking 544
- hand-held devices 489, 493
- Hanova (see hierarchical analysis of variance) 576
- Haraway, Donna 947, 948, 949
- hard skills 1190
- hardware engineering 673
- HBCU (see Historically Black College or University)
- HCI (see human computer interaction)
- HDI (see Human Development Index)
- HDR (see human development report)
- health
 - care IT 514
 - disparities 745, 751
 - portal 745, 751
- hegemonic
 - gender roles 760
 - masculinity 1161, 1165
- hegemony 1291
- heritage culture 1061
- HESA (see Higher Educational Statistics Agency)
- heterogeneous 637
 - group 595
- heteronormativity 1018
- heterophily 499
- HF (see high frequency)
- hi-tech technology 839
- hierarchical sex/gender systems 172
- high
 - frequency (HF) 1281
 - frequency (HF) radio e-mail 1285
 - maintenance 243
 - need profile 248
 - school 311, 507, 890, 1111
 - studnets 1092
- higher
 - education 366
 - Educational Statistics Agency (HESA) 1243
 - expectations 886
- hierarchical analysis of variance (Hanova) 576
- highest degree and salary 463
- highly selected 233
- Historically Black College or University (HBCU) 275
- history 1309
- HIV (see Human Immunodeficiency Virus)
- holistic 349
 - approach 354
 - orientation 1036
- home
 - based work 770
 - e-shopping xxxiii, xxxvi
 - homemakers 257
 - science 30
 - worker 263
- HomeNet 563
- Homepreneur 263
- homework 300
- homogeneous
 - group 595
 - population 871
- homophily 499, 1247
- homophobia 1161
- homosocial reproduction 165
- horizontal
 - gender segregation 881
 - mobility 88
 - occupational segregation 832
 - segregation 1228
- hostile
 - academic environments 1006
 - work environment 871, 875
- household 99, 482, 485
 - computing resources 101

- Internet use 482, 484, 485
- household reference 98
- human
 - capital 203, 206, 566, 569, 838
 - perspective 342, 347
 - theory 738
- computer interaction (HCI) 577, 582, 666
- development 6, 334
 - Index (HDI) 1323
 - Report (HDR) 601
- Immunodeficiency Virus (HIV) 1112
- resources 871, 875, 1184
 - strategies 242
- humanitarian skills 1100
- Humanities University 1278
- hybrid
 - communication 1193
 - courses 570
 - skill 1040, 1035
 - sets xxxix
- hypertext 578, 580, 582
- I**
- I-methodology 676, 680
- ICA (see International Communications Association)
- ICP 563
- ICT (see information and communication technology)
 - awareness 776
 - business sector or software sector 785
 - careers 165
 - cluster 781, 785
 - diffusion 773
 - enabled education 395
 - industry 165, 755, 758
 - policy 1013
 - professions 64, 69
 - representations 1048
 - role model 49
- ICT/ARIE-TF 778
- ICTD (see information and communication technology for development)
- identified regulation 900
- identity 439, 603, 699, 700, 702, 703, 745, 746, 751, 876, 1062, 1090
 - online 933
- illiteracy 645, 1013
- illiterate women 838
- IM (see instant messaging)
- image 640, 1000
 - of God 1000
 - zprocessing 315
- imaginaries 884
- Imam 396
- immigrant 131
- imperative 118
- implicit
 - theoretical research 1154
 - user-representation techniques 681
- in
 - built gender divisions 166
 - group 1091
 - school 1317
- inclusion 856, 862, 1310, 1314
 - and climate for opportunity 857
 - perspective 1222
 - strategies 637
- inclusive
 - pedagogy 629
 - student-faculty relationships 270
 - teaching 269
- inclusiveness 275
- income 1210, 1211
 - disparities 467
- Incredible Shrinking Pipeline 687, 909, 1303
- independent
 - problem solving 729
 - variable 654
- India 739
- indigenous 802, 1055
 - culture 1061
 - style 1056
- indirect effect 1028
- individual 52, 1006
 - difference theory 148, 149
 - of gender and IT xxix, xxx, 280, 322, 153, 809, 812, 1080, 1159, 1183, 1250
 - differences 282, 288, 577, 1156, 1166
 - approach 223
 - perspective 216
 - factors 1007
 - variables 1011
 - vs. team work 463
- individualism 55
- individualization 276
- industrial partnerships 742
- industry associations 73

Index

- inequality 129, 142, 489, 897
- informatics (I) 480
- informatics domain 1051
- information
 - age 128, 655
 - and
 - communication technology xxxix, 1, 6, 43, 44, 49, 69, 133, 190, 263, 264, 268, 334, 392, 405, 417, 422, 425, 426, 499, 612, 614, 636, 643, 672, 686, 726, 760, 771, 786, 791, 793, 832, 1012, 1041, 1121, 1126, 1160, 1203, 1230, 1279, 1285, 1315, 1317
 - for development (ICTD) 257, 405, 409
 - processing technology (IPT) 891
 - cooperatives 840
 - economy 281
 - have-nots 426
 - haves 426
 - map 1104
 - or knowledge society 896
 - policy 121
 - processing and technology (IPT) 895
 - professional 121
 - quality 44
 - sector 281
 - society xxxiii, 37, 43, 116, 121, 334, 411, 636, 642
 - spaces 577
 - studies 121
 - systems (IS) 141, 480, 871, 1011, 1160, 1166
 - technology (IT) 76, 80, 109, 147, 199, 295, 304, 309, 341, 460, 489, 494, 514, 534, 609, 611, 655, 663, 671, 688, 709, 733, 819, 826, 850, 870, 876, 976, 1011, 1028, 1154, 1166, 1279, 1285
 - workplace 856
 - and informatics (ITI) 290
 - Association of America (ITAA) 288
 - careers 295
 - education 1111
 - field 895, 1111
 - job 309
 - majors 296
 - occupation 309
 - professional 1184
 - workforce 587
 - project 475
 - worker 121
- inhabitation 704
- inherent differences 1154
- innovation system 807
- innovativeness 21
- innovator 801
- Instant Messaging (IM) 364, 895
- institutional
 - characteristics 716
 - perspective 347
- institutionalization 1190
- instructional
 - methods 576
 - technology 480
- instrumental coworker support 862
- instrumentals vs. balancers 720
- insufficient-theoretical research 1154
- intellectual property rights (IPRs) 1172
- intention to leave 436
- interaction world 1049
- interactive multimedia exhibition 822
- interactivity 181, 183, 385
- interdisciplinary expertise xliii
- interests 507
- internal
 - digital divide 778
 - labor market 569, 1040
- internalization 435
- International Communications Association (ICA) 1321
- International Telecommunication Union 1172
- Internet 116, 413, 417, 482, 1309, 1314
 - access 707
 - backbone 1017
 - boom 446
 - connectivity 802
 - content providers (ICPs) 557
 - crimes 1197, 1199
 - targeting individuals 1198
 - relay chat (IRC) 361, 926, 931, 937, 1151
 - service provider (ISP) 1014, 1121
 - sex addicts 940
 - surfing 563
 - usage 559
 - users 488
- internships 1099
- interpersonal
 - communications 183
 - orientation 110
- Interplanetary Networking Research Group (IPNRG) 802, 807

- interpretive research 145, 281, 1183
 - interrole conflict 1215
 - intersectionality 334
 - intervention 976
 - programmes 726
 - intrepid explorers 727, 732
 - intrinsic
 - and extrinsic motives 663
 - economic 902, 906
 - motivation 558, 670, 906
 - self 902, 906
 - social 902, 906
 - introductory
 - programming 957
 - classes 269
 - introjected regulation 900
 - investigative 997, 998
 - IP 1040
 - IPEDS 819
 - IPNRG (Interplanetary Networking Research Group) 802, 807
 - IPRs (see intellectual property rights) 1172
 - IPT (see information processing and technology)
 - IRC (see Internet relay chat)
 - Ireland 1035
 - IS (see information systems)
 - development 1162
 - isolation 131
 - ISP (see Internet service provider)
 - Israel 1092
 - Israeli high school computer-science syllabus 1098
 - IT (see information technology)
 - adoption and diffusion 514
 - appliance 982
 - career 982, 1330
 - choice 290, 611
 - interest and choice 1028
 - culture 304
 - degree course enrollments 50
 - development activities 603
 - education 322, 1330
 - enabled services 194, 199
 - governance 76
 - industry 349, 449
 - initiative 1265
 - intensive disciplines 529
 - interest 350
 - knowledge 694
 - labor market conditions 851
 - manufacturing 526
 - mentors 350
 - and role models 350
 - occupational subculture 306
 - organization 1069
 - outsourcing 147
 - position 463
 - profession 1184
 - professional 242, 439, 529, 534, 844
 - work identity 439
 - qualifications 467
 - roles 1238
 - Seva Kendra 841
 - skills 71
 - specific disciplines 529
 - strategy 74
 - supportive disciplines 529
 - work, definition of 1006
 - workers 305
 - workforce 705, 976
 - workplace 1007
 - ITAA (see Information Technology Association of America)
- J**
- job
 - attribute 1211
 - preferences 1215
 - characteristics 439
 - design 1215
 - interest 1211
 - mobility 84, 87
 - opportunities 1167
 - performance 20
 - satisfaction 19, 436, 527, 862, 1068, 1137
 - shadowing 1099
 - stress 527
 - turnover 19
 - jurisdictional fields 446
- K**
- K desktop environment (KDE) 1291
 - K-16 629
 - KAI (see Kirton's Adaptor Innovator)
 - kanji 565, 569
 - KDD 819
 - KDE(see K desktop environment)
 - key symbol 171
 - Kirton's Adaptor Innovator (KAI) 799, 801

Index

- knowledge 704
 - economy 76, 194
 - engineering 711
 - management 1104
 - network 838
 - poor 55
 - rich 55
 - work 465
 - worker 896, 899, 1104
- Kudumbashree 794, 797
- L**
- labor
 - force xxx
 - participation 854
 - ratio 855
 - market xxxiv, 200
 - institutions 569
- language barrier 645
- latent IQ 55
- Latino 1054
- LDCs (see least developed countries)
- Leader-Member Exchange (LMX) 858, 862
- leadership 996
 - commitment xlv
 - /management skills 1100
 - scale 998
- lean mode of interaction 595
- learner
 - centered
 - activities 372
 - style 372, 377
 - content interaction 384
 - interface interaction 384
 - learner interaction 384
- learning 570, 637
 - community 103
 - environment 269, 504, 732
 - instrument 1209
 - scale 998
 - management systems (LMS) 373, 377
 - objects (Los) 629
 - outcomes 576
 - perception 570
- least developed countries (LDCs) 791
- legality 544
- legitimizing claims to knowledge 27
- lenses of gender 694, 698
- lesbian 1160
- level of analysis 322
- liberal
 - cyberfeminism 1019
 - feminism 140
 - feminist 135
- libraries 117
- library
 - and information science/studies (LIS) 480
 - staff 116
- life
 - course 347
 - cycle analysis 430
 - story (biographical) patterns 66, 69
 - themes 65, 69
- lifestyle 243
 - integration 1211
 - need profile 248
 - exposure theory 1200
- lifetime
 - employment 569
 - system 566
- Linux 1153
- LinuxChix 1150, 1153, 1289
- LIS (see library and information science/studies)
- literacy 786
 - rates 1231
- LMS (see learning management systems)
- LMX (see Leader-Member Exchange)
- location 699, 700, 701, 702
- locus of control 985, 989
- long-hours culture 835
- longitudinal study 225, 226
- looking-glass self 1087
- Los (see learning objects)
- Luddite 951
- Lurk 364
- M**
- Madrasa 396
- mailing list 929, 931, 937
- male
 - centric technology 415
 - dominance 8, 26, 591
 - dominated competitive worldview 1288
 - domination 160
 - spaces 323
- management 672, 876, 1035

- information systems (MIS) 109, 666, 808, 871, 984
 - roles 1225
 - science xxxiv
- manager 785
- managerial
 - careers 878
 - positions 876
- managing diversity 833
- MANOVA (see multivariate analysis of variance)
- Manu 94
- marginalization 191, 414
- market-led design 178
- marketing
 - and pedagogic design of IT and IS 27
 - practitioners 557
- masculine 1239
 - construction of computer-based systems 603
 - environment 784
 - image 1222
 - of computer science 1217
 - organizational culture 734
- masculinity 110, 135, 876, 1041, 1160, 1161, 1165
- masculinized 872
- Masjid 396
- mass IT education 839
- Massively Multiplayer Online Game (MMOG) 687, 692
- mastery experiences 583
- maternal 883
- math
 - SAT score 233
 - /science pipeline 709
- mathematical ability 110
- mathematics 446, 971, 1054, 1055, 1305
- matricidal 884
- matrix 882, 883
- mature
 - aged 885
 - student 889
- Maulana 396
- Mauritius 1266
 - model 1266
- MDGs (see Millennium Development Goals)
- media 283, 1268
 - diversity 1172
 - informatics 971, 975
 - monopolies 1172
- medical
 - computer science 971, 975
 - professionals 425
- memory chip 1308
- men 922, 923
- MENA (see Middle East and North Africa)
- men's movement 1161
- mental
 - analytic skills 1100
 - creative skills 1099
 - models 735
- mentee 895
- mentor 89, 303, 868, 895, 1140, 1287
- mentoring 85, 292, 298, 863, 895, 975, 1104, 1248
 - and advising 270
 - program 890, 895
- mentors 85, 162, 296, 857, 890, 978, 1030
 - vs. role models 720
- menu-driven identity 745, 751
- Merit, Merit Network, Inc. 1314
- meta-analysis 1068
- methodology 839
- micro-enterprises 797
- microcomputer 1308
- Microsoft Outlook 563
- Middle East 772, 778, 1237
 - and North Africa (MENA) 1232, 1237
 - grades 976
 - school girls 732
- migration 897
- military 760
 - science-industrial complex 955
- Millennium Development Goals (MDGs) 6, 63, 410, 596, 1172, 1176
- mimicry 884
- minorities 1062
- MIT 744
- mixed economy 191
- MMS (see Multimedia Messaging Service)
- mobile
 - (cellular) phone 3, 119, 417
 - labor force 897
 - technologies 116
- mobility 411
- mode 2 knowledge production 1015, 1017
- model
 - minority 1064
 - stereotype 1067

Index

- of contributing factors 53
- modified Likert scale 831
- modifier/extender 465
- module 962
- Moksha 94
- monitoring software 558
- monolithic culture 1287
- MOO (see MUD object oriented)
- moral economy 635
- morality 544
- morals 549
- Mortal Kombat 14
- mosque 397
- Mothers
 - for Mothers 765
 - in women's career orientation 1024
- motivation 400, 401, 900
- motivational matrix 901
- MSc 972, 975
- MSN (Microsoft Network) 945
- MUD
 - MUD object oriented (MOO) 926, 931, 932, 937, 944, 1020, 1022
 - multidimensional ethics scale 649
 - multidisciplinary 908
 - team 908
 - multiethnic communities 765
 - multimedia 315, 643, 682, 684
 - Messaging Service (MMS) 893, 895
 - software 686
 - multimediality 385
 - multiracial 1062
 - identification 1067
 - multistakeholder approach 1177
 - multiuser domain (MUD) 361, 926, 1020
 - multivariate analysis of variance (MANOVA) 509
 - mutual actability 1052
 - Myers-Briggs Type Indicator 865
- N**
 - Naath 397
 - NACE Codes 1040
 - Napster 558, 563
 - National Center for Education Statistics (NCES) 288
 - National Development Plan (NDP) 356
 - national issue 739
 - National Science Foundation (NSF) 908
 - nationality 1167
 - Native American 914, 917, 918, 919, 1054, 1056
 - cultural traditions 919
 - nature of IT work 468
 - navigation 577, 582
 - NCES (see National Center for Education Statistics)
 - NDP (see National Development Plan)
 - need profile 243, 248
 - Neighbourhood Help Groups (NHG) 794
 - neo-liberal 956
 - globalization 173
 - NEP (see New Economic Policy)
 - nerdy 758
 - netiquette 364
 - Netsex 931, 932, 933, 937, 939, 941, 947, 1022
 - network 84, 89
 - based education 982
 - of networks (see cluster) 781
 - relations 785
 - society 117, 276
 - networking 840, 1197
 - and communications research infrastructure 1309
 - networks 84, 131, 781, 782
 - neuroticism 985, 989
 - New
 - Economic Policy (NEP) 191, 199
 - economy 975
 - technologies 686
 - New Zealand IT degree studies 798
 - newsgroup 931, 937
 - NGO (non-governmental organization) 788
 - NGO Gender Strategies Working Group (NGO GSWG) 1177, 1323
 - NGO GSWG (see NGO Gender Strategies Working Group)
 - NHG (see Neighbourhood Help Groups)
 - niche marketing 181
 - non-government organizations 674, 739, 741, 788, 791, 839, 1280, 1285
 - non-renewable resources 428
 - non-substitutability paradigm 428
 - non-western gender behaviour 929
 - nonstandard jobs 569
 - nontraditional student 1330
 - nontraditional technology majors 296
 - North Africa 1237
 - Norway 630, 923
 - NPEGEL 744
 - NSF (see National Science Foundation)
 - NSFNet collective 1314

NSFNet project 1309, 1314
 number of children 463

O

object-oriented programming 1052
 objective 43
 objectivism 576
 observable variables 226
 occupation 305, 1040
 occupational
 assignments 233
 community 309
 culture 309
 IT 1239
 personality 993, 998
 segregation 201, 206, 1040
 segregation 1035
 subculture 304, 309, 1063, 1067
 ODA (see official development aid)
 off-shoring 855
 off-the-track 1179
 Office of National Statistics (ONS) 832
 office systems 605
 Office Work 608
 office work 605
 official development aid (ODA) 600
 offshore practices 449
 Old Boys' Club 1080, 1245, 1251
 Old Boys' Network 534, 735
 on-the-job training 718, 1099
 online
 community 103, 241
 courses 570
 dating 939
 distance education 372, 373
 education 199, 576
 environment 372
 forum 926
 harassment 1198
 learning xxxv, 103
 environment 377
 groups 378
 sex 939
 sexual identity 949
 teenage dating 932
 virtual environment 589
 ONS (see Office of National Statistics)
 open source software 1148

models 1172
 openness to experience 985, 989
 operating system 1308
 opportunities for creativity 730
 ordinary least squares earnings regression 227
 organizational
 change 1099
 chart 1245
 commitment 862, 1137
 culture 44, 165, 609, 610, 611, 614, 881,
 1063, 1067
 involvement 527
 psychology 856
 science xxxiv
 out
 -group 1091
 -of-school 1317
 outcome expectation 909, 912
 outsourcing 534, 739, 952, 956
 over-identification with technology 128
 overall sex ratio 94
 overconfidence 404
 overt gender bias 26
 ownership 258
 owning a computer 973

P

pair 868
 pair programming 250, 252, 255, 275, 957, 962
 Pakeha 801
 Pakeha (European ethnicity) women 800
 PALS (see Principles of Adult Learning Scale)
 Panacea 797
 parental
 roles 483
 support 963, 1023, 1028
 parents 483, 963, 978
 partial least squares 439
 participation
 in
 technology 732
 in the learning process 372
 rate 506
 participatory design techniques 681
 path diagram 1028
 patriarchal 415
 society 91, 418, 656

Index

- patriarchy 183, 759
- pay
 - difference 952
 - discrimination 201, 206
- PBL (see problem-based learning)
- PDA (see personal digital assistant) 629
- PDS (see public distribution system)
- pedagogical shortcomings 626
- peer-proofing 1061
- People's Network 121
- perceived
 - complexity of use 664
 - ease of use 555, 664, 670
 - and usefulness 663
 - enjoyment 666, 670
 - intrinsic enjoyment 665
 - risk 666
 - usefulness 556, 664, 670
- perception 312, 549
 - of technological change 116
- performance 932
 - expectations 720
- performative theories of gender (gender as perform 223
- performativity 340, 1022
- peri-urban 264
- persistence 727
- personal
 - advantage 1248
 - digital assistant (PDA) 629
 - style scales (PSS) 990, 998
- personality 983, 989
- personalizing instruction 372
- personhood 1000, 1004
- persuasion 1311
- physical skills 1100
- pink collar jobs 49
- Pipeline 819
- pipeline 718, 814, 819, 976, 982
 - shrinkage problem 720
- PIs (see principle investigators)
- place 699, 700, 704
- plagiarism 544
- PoA (see Geneva Plan of Action)
- political women's networks 237
- pornography 659
- portability 89
- portal 183, 239, 241
- positioning strategy 921, 925
- positive
 - attitudes 117
 - choices 323
- positivism xxx, 340
- positivist research 145
- post
 - 16 age group 323
 - secondary
 - education 322, 900
 - school qualifications 473
 - settings 128
- postcolonial 1012, 1017
- Postcommunism/Postsocialism 662
- postmodern feminism 1018
- postmodern theory 1019
- postmodernism 142, 145
- poststructuralist feminist theory 920
- power 821
- powerful women's entrepreneurship 1270
- practice theories of gender 34
- practitioner 655
- pre-theoretical research 1154
- predict 1069
- preferences 1006
- prestige 1211
- prestigious 1037
- principal investigators (PIs) 908
- Principles of Adult Learning Scale (PALS) 372
- private
 - for-profit institution 819
 - nonprofit institution 819
 - school 1111
- problem
 - solving 732
 - based learning (PBL) 692
- process theories of gender 34
- product design 181
- professional
 - computing 1223
 - life 449
- professionalisation 447
- proficiency 1099
- profiling women at work 1299
- program 1308
- programming 508, 885, 1149, 1153
 - language 1308
- project
 - based courses 1128
 - management 673, 849

- promotional opportunities 1211
 proportional reasoning 979
 prostitution 659
 protégé 89, 868
 psycho-social relationships 183
 psychoanalytic projection 939
 psychological research 693
 Psychosocial 1034
 psychosocial 1029, 1034
 public
 access 787
 distribution system (PDS) 838
 institution 819
 school 1111
 pupil 310
 purpose 180
- Q**
- quake 14
 qualitative 1088
 research 65, 281, 1183
 quantitative 650
 Queensland, Australia 44
 questionnaires 650
 QWL (see quality of working life) 527, 1069, 1074
- R**
- race 462, 705, 1054, 1058, 1062, 1167
 and ethnicity 1067, 1166
 radical
 cyberfeminism 1019
 feminism 216
 radio e-mail 1281
 Ramadan 397
 randomized controlled clinical trials (RCCT) 515
 RCCT (see randomized controlled clinical trials)
 re-gendering 1041
 read the f***ing
 manual (RTFM) 1149
 source code (RTFSC) 1149
 real-time strategy (RTS) 18
 realistic 996, 998
 career preview 275
 recognition 1211
 recommendations for IT professionals 1009
 recruit and retain a skilled and diverse workforce 1005
 recruitment 303, 1210
 and retention of female students 323
 reference person 102
 reflective i-methodology 681
 reform efforts 716
 regionalism 428
 reinforces gender differences 973
 relating to experience 372
 relationship status 463
 relative pay 851
 relevance 1013, 1014
 relevant to people's lives 637
 reliability 1028
 relying on stereotypes 681
 remedial actions 722, 726
 remunerative 233
 renewable resources 428
 representative sample 227, 233
 reproductive policies 657
 researchers 425, 557
 resilience 24
 reskilling 20, 24
 resource centre 423, 424
 resources 637
 respondent 227
 demographic information 984, 991
 responses to attitude 551
 responsibility 1211
 retention 303, 957, 960, 1210
 of
 female students 501
 females in post-secondary IT 318
 women in
 science 1128
 STEM 1128
 retention rate 506
 retraditionalization 662
 return of investment (ROI) 71, 76, 1102
 reverse hierarchization 1037
 rhetoric 422
 risk 398, 399
 management 71
 taking 996, 997
 /adventure scale 998
 robotics 315
 robust 227
 ROI (see return of investment)
 role 999, 1004
 identity 439

Index

- model 83, 109, 111, 283, 288, 303, 868, 890, 922, 1029, 1034, 1222, 1287
 - playing game (RPG) 18
- routine-activity theory 1200
- RPG (see role-playing game)
- RTFM (see read the f***ing manual)
- RTFSC (see read the f***ing sourcecode)
- RTS (see real-time strategy)
- runtime problems 128
- rural 411
 - areas 417
 - poor 422
- S**
- safe spaces 639
- salary 9
 - secrets 206, 1257
- sameness 1106
- Sámi 807
 - Network Connectivity initiative (SNC) 802
 - Village 807
- SANGONeT 1280
- satisfaction 859
- schema 1034, 1087, 1091
 - disjunction 1087, 1091
 - specific activities 560
 - students 1105
- SchoolNet 791
- schools 44
- science 355
 - and
 - engineering (S&E) 60
 - technology studies (STS) 1153, 1287
 - , engineering, and technology (SET) 355, 740, 833
 - Foundation Ireland 356, 359
 - in action 1192
 - , technology, engineering, and mathematics (STEM) 297, 347, 1091, 1128
 - military-industrial complex 952
- scientific revolution 759
- scientists 425
- scope creep 1104
- script 171
- search engines 561
- second
 - level school system in Ireland 83
 - life 692
- order construct 439
- secondary
 - school 895
 - skills 1101
- sector reform 334
- security 243
- Seelampur Voice 393
- segregation 172, 832, 1035, 1212
- select groups 718
- self
 - assessment 585
 - awareness 589
 - categorization theory 434, 439
 - concept 1212
 - confidence 583, 587, 971
 - constraint 1102
 - determination theory 900
 - efficacy 30, 52, 55, 110, 296, 400, 404, 583, 587, 665, 670, 729, 901, 909, 912
 - employment 79
 - esteem 989
 - evaluation xlv
 - fulfilling prophecy 1087, 1091
 - identities 729
 - inclusion 637
 - perceived abilities 583, 587
 - presentation 1212
 - regulation 589
- semi nomadism 804
- sense
 - of community 108
 - making
 - model 1082
 - triangle 1082
- service
 - design 181, 183
 - provider industry 194
- SES (see socio-economic status)
- SET (see science, engineering, and technology)
 - careers 355
- sex 31, 33, 36
 - categorisation 36
 - category 33
 - difference research 32, 36
 - differences 721
 - discrimination 473, 734
 - integration 1035
 - online 939
 - related differences 1247

- selective abortion 90
- stereotyping 693
- trafficking 65
- sexed regime 1165
- sexnormal 889
- sexual
 - discourse 932
 - harassment 468, 473, 660, 713, 875
 - identity online 935, 949
- sexual
 - orientation 1167
 - regime 1165
- sexuality 605, 948, 1113, 1116, 1160, 1165
- shadow economy 953
- Short Message Service (SMS) 547
 - timer culture 875
- shrinking pipeline 11, 315, 354, 474, 1098, 1105, 1297, 1302
- SIGCSE 831
- significant questions 1082
- silicon ceiling 1222
- SIM (see Society of Information Management)
- Sims Online 692
- situated knowledge 339, 340
- skill 84, 85, 86, 1038, 1099, 1108
 - obsolescence 86, 89
- skilled and diverse workforce 1005
- skills
 - and knowledge 637
 - diversification stage 1101
 - gap 833
 - of women technologists 1100
 - shortage 528
 - specialization stage 1101
 - variety 439
- slavery 659
- SLE (see Systemic Lupus Erythematosus)
- smileys (see emoticons)
- SMS (see Short Message Service)
- social 282, 996, 998
 - and
 - cultural context 186
 - economic empowerment 417
 - barrier 913
 - capital 134, 838, 1197, 1245, 1251
 - assets 839
 - class 705, 709
 - construction 49, 153, 610, 1105, 1106, 1159
 - perspective of gender and IT 812
 - of
 - information 1116
 - technology 334, 635
 - theory 148
 - constructionism 738
 - constructionist 604
 - perspective 342, 347
 - constructivism 216, 223
 - desirability 1211
 - factors 368
 - identity 732, 1067
 - theory 434, 439
 - inclusion 147
 - information processing theory 381
 - interaction 687
 - learning 638
 - theory 583
 - networking 1075
 - networks 1080, 1251
 - presence 384, 629
 - relations 25
 - role theory 595
 - shaping 216
 - studies of technology 606
 - support 909, 913
 - ties 1245
- socialization 36, 435, 439, 615, 972, 1089
- socially disadvantaged 411
- socio
 - contextual perspective 379
 - cultural xxxiv, 1247
 - factors 514
 - knowledge 704
 - economic 131, 547, 739
 - class 1167
 - levels 426
 - status (SES) 102, 688, 710, 739
 - structural system 46
 - technical systems 1153
- sociobiology 31
- soft skills 531, 534, 1190
- software 398
 - developers 1099, 1229
 - development 962
 - method 249, 250, 255
 - process 249
 - team 249
 - engineer 1299, 1300
 - engineering 55, 255, 315, 1299, 1302

Index

- engineers 1297
 - project managers 1229
 - team 1297
 - spatial
 - ability 580, 582
 - knowledge 578
 - spatiality 704
 - spivak 933, 938
 - splash page 1209
 - spreadsheet 398
 - SQL (see Structured Query Language)
 - SS (see strong sustainability)
 - stakeholders 777
 - standardized math test 227
 - start-up firm 871, 875
 - statistical discrimination 569
 - status 1037
 - characteristics theory (SCT) 595
 - quo 183
 - STEM (see science, technology, engineering, and mathematics)
 - stereotype 8, 587, 909, 1006
 - threat 275, 584, 588, 675, 877, 913, 1030, 1034
 - stereotypical
 - gender roles 162
 - ideations 831
 - stereotyping 282
 - stress 20, 583, 588
 - strong sustainability (SS) 428, 432
 - structural 282
 - choice model 1200
 - structuration theory 738, 1108
 - structured Interview 1141
 - STS (see science and technology studies)
 - student 44, 890
 - achievement 570
 - characteristics 715
 - outcomes 298
 - sub-Saharan Africa 786, 791, 1285
 - subaltern counterpublics 237, 238, 240, 241
 - subcontracting 953
 - subhegemonic masculinity 1165
 - subject position 635, 920, 925
 - subjective 43
 - superficial relationships 1246
 - supervisors 858
 - support 401
 - engineers 1229
 - supporter/tender 465
 - surprise-explain-reward 399
 - surveillance xxxvii
 - survey feedback intervention 1141
 - sustainability 427, 433
 - sustainable information society 433
 - symbolic
 - analysts 621
 - analytic jobs 621
 - artifacts 49
 - synchronous
 - /asynchronous 938
 - CMC 384
 - systemic
 - discrimination 1190
 - Lupus Erythematosus (SLE) 263
 - systems
 - analysis 446
 - analyst 528
 - development 603
 - life cycle 608, 655
- ## **T**
- tablet PC 629
 - tacit discrimination 624
 - tailoring 608
 - talent 1099
 - TAM (see technology acceptance model)
 - Tanzania 1013
 - targeted recruiting 1215
 - task
 - identity 1074
 - significance 439
 - Taulbee survey 720
 - tax evasion 953
 - TDF (see telecommunication development funds)
 - Teacher-Centered Style 377
 - teacher-centered style 372
 - teachers 44, 978
 - and counselors 284
 - teaching style 372, 377
 - team orientation 996
 - scale 998
 - teamwork 958
 - technetronic 621
 - technical
 - analysts—specialized support 1229
 - apprenticeships 1099

- expertise 531
- management 446
- skills 349
 - in a societal framework 354
- socialization 55
- university 1278
- writers 1229
- technically oriented 1211
- techno
 - centric 1188, 1190
 - centrist 428
 - feminism 1153
 - perspective 342, 348
 - hazing 26, 30
- technological
 - determinism 764
 - gender gap 726
 - innovation 24
 - instrumentalism 764
 - neutrality 334
 - skills 122
- technologists 425
- technology 122, 341, 355, 529, 532, 534, 550, 699, 700 713, 764
 - acceptance model (TAM) 401, 514, 550, 556, 663
 - as
 - a masculine culture 136, 140
 - culture 167
 - assistance 508
 - attitudes 713
 - bubble 855
 - courses 323
 - determinism 148
 - education 83
 - for sex 939
 - led information society 173
 - mediated learning 570
 - neutrality 329
 - plus positions 1035, 1040
 - studies 1287
 - transfer 499, 1314
 - usage 551
- technophilia 761, 764
- technophobia 761, 764
- technoscience 1017
- technostress 128
- tech-speak 621, 629
- telecenter 787, 792
- telecommunication 78, 645
 - systems management 907
 - development funds (TDF) 1124
- telecommute 761, 1213
- telecommuting 1215
- teledildonics 945
- telegraphy 761
- telehealth 1
- teletrading 261
- telework 460, 465, 761, 765, 771
- temporary workers 567
- tertiary
 - education 753, 758
 - qualifications 798
- test analysts 1229
- text-based communication 696
- theory of
 - discourse 920
 - proportional representation 595
 - reasoned action 664
- think global, act local 428
- third
 - level access 360
 - place 134
 - world feminism 1166, 1171
- three-dimensional (3D) 687
- time, interaction, and performance (TIP) theory 381
- time management 766
- TIP (see time, interaction, and performance) theory
- tolerance of ambiguity 21, 24
- Tomb Raider 16
- tomboy 812
- top-down / bottom-up perspective 1017
- total hours worked 463
- traditional gender roles 1020
- training 85, 86, 768
 - curriculum for women 840
- trajectories 516
- trans-gender 639, 642
- transformation 1013
- transformative critical room 1043, 1050
- transition 503, 506, 662, 956
- transsexual 1160, 1163
- tribal 411
- traditions 914
- universities 915
- triple
 - helix 1017
 - model 1015

Index

troublesome situations 1082
trust 400
turnover 19, 1068, 1074
 intention 527
two-worlds metaphor 919

U

U.S. Bureau of Labor Statistics 565
ubiquitous technology 489, 493
UDI (see universal design for instruction)
UGC 744
UK Equal Pay Act (1970) 200
UN (see United Nations)
UN CSW (see UN Commission on the Status of Women)
under
 confidence 404
undergraduate 1087
 enrollment 813
underprivileged women 417
underrepresented 311, 706, 976
 group 869
 party 1238
underrepresentation 506, 706, 710, 1092
of
 female students 501
 women xxx, xxxiv, 147, 1092, 1134, 1154, 1325
 in
 computer science 970
 IT 349, 1166
underserved communities 134
UNDP (see United Nations Development Program)
unemployment 839, 1231
UNIFEM (see United Nations Fund for Women)
United Nations (UN) 596, 1172, 1318
United Nations Commission on the Status of Women 601
United Nations Development Program (UNDP) 601, 1230
United Nations Division for the Advancement of Women 601
United Nations Fund for Women (UNIFEM) 601
universal
 access to ICT 268, 1126
 declaration of human rights 1319
 service 264
universalism 428
university 425, 813, 890

 students 1106
Unix 1291
UoM (University of Mauritius) 1266
urban 1317
 -rural digital divide 185, 190
use 603, 608
 of computers 694
usenet 563
user
 -friendly software 731
 interface 1104
 -privacy 1200
 representation 681
 techniques 676
UTM (University of Technology, Mauritius) 1266

V

value differences 1210
velvet revolution 1278
vernacular culture 1061
vertical
 gender segregation 832, 881
 mobility 89
 segregation 1229, 1257
vertically integrated network 831
victimization 1200
 theory 1200
videoconferencing 412
videogames 13, 14, 18, 684, 686
Vidyashree 797
Vienna University of Technology 971
vignettes 655
village phone program 187
virtual 488
 classroom 104, 108
 community 108
 neighborhood 239, 240, 241
 organization 466
 teaching environments 1191
 team (VT) 466, 766, 771
virtual worlds 688
virtuous circle of trust 1245
vocational
 counseling 992
 exploration 1023
 training 323
vulnerability 1199
 to Internet crime 1199

W

- wage gap 855
- WBT 391
- “We can, I can’t” 698
 - phenomenon 720
- “We can, I don’t want to” 698
- weak sustainability (WS) 428
 - perspective 433
- Web 664
 - chat 361
 - design 178
 - designers 1099
 - developer/designer 513
 - development 508, 510
 - based learning 1204
 - environment instrument (WEBLEI) 1204, 1209
 - survey 1074
- Weblog 1022
- Webmaster 513
- weeder 584
- Western society 1161
- wiki 621, 1022
- wikis 377, 616
- WinCott 500
- WinIT (see Women in Information Technology)
- WINWIT (Women in (North West) Information Technology xxxiii, 1253
- wireless 489
 - local loop (WLL) 425
 - telephone 413
 - technology 1014, 1017
- WISE (see Women in Science and Engineering)
- WITT (see Women’s Information Technology Transfer)
- WLL (see wireless local loop)
- woman
 - friendly 1217
 - problem in computer science 1216
- Women@SCS 717
- women 72, 235, 429, 802, 900, 1099, 1273, 1274, 1309
 - and
 - 1V1C 840
 - distance education technology 623
 - profits 73
 - , Arab 1230
 - centered
 - programs 717
 - view of design 1288
 - focused intentions 180
 - in
 - computer science 970
 - decision making 820
 - Information Technology (WinIT) xxxiii, 809, 832, 1026, 1105
 - North West IT (WINWIT) 1253
 - Science and Engineering (WISE) 833
 - science and technology 1274
 - Technology (WIT) 982, 1327, 1330
 - International 614
 - undergraduate IT programs 1081
 - IT professionals 604
 - networking support programme 614
 - of color 1062
 - on boards 70
 - returners 1292, 1296
 - students 1216
 - technologists 1099
 - technology empowerment 779
 - with IT skills 72
- women’s
 - adoption of ICTs 186
 - career interests 1023
 - deficit 1218
 - model 1222
 - economic empowerment 1121
 - identity 603
 - Information Technology Transfer (WITT) 1151, 1153
 - issues 656
 - magazine publishing industry 184
 - own voice 1272
 - participation 297
 - rate 467, 473
 - policy networks 235, 237, 241
 - rights movements 237
 - work 193, 461
 - identity 434
 - interfering with family (WIF) 461
- work
 - family balance 1183
 - categories 1183
 - conflict 955
 - life balance 1213, 1215
 - life gap 875
 - related values 1210
 - style 735, 996

Index

- scale 998
- systems 608
- tenure 1211
- workforce 282
- working
 - conditions 741
 - Group on Internet Governance (WGIG) 807, 1318
- workplace 999, 1004
 - human capital 98, 102
 - policies 468
 - relationships 856, 857
- World
 - Conferences on Women 63
 - of Warcraft 692
 - Summit on the Information Society (WSIS) 63, 422, 601, 1172, 1279, 1318, 1323
 - Wide Web 364
- worldview 999
- WSIS (see World Summit on the Information Society)
 - Declaration of Principles (2003) 602, 1318, 1324
 - Gender Caucus 1177, 1324
 - Plan of Action 1318

X

XP (see extreme programming)

Y

- Y2K problem 851
- young girls 726
- youth subculture 1058

Z

- Zambia 417
- zero drag employee 875
- zone of proximal development 732