Index

A
accounting education 21, 29-38
Accounting Education Change Commission (AECC) 29
accreditation of prior experiential learning (APEL) 329
actuarial science 158, 163-164, 319
Advanced Diploma in Banking Technology (ADBT) 258
agriculture and processed food products export development authority (APEDA) 198
agri-food engineering 193
agri-food industry 192
agri-food trade 193
All India Council for Technical Education (AICTE) 104, 292, 340
American Institute of Certified Public Accountants’ (AICPA) 30
apoptosis 200, 203, 206-207
applied research 44, 63, 279
associate satisfaction index (ASI) 91

B
back end staff 103
basic research 44, 56-59, 65, 147, 203, 207, 223
bio-business 84, 180, 314
biochemistry 19, 123, 128, 131, 166, 168, 174, 181, 219-222, 224, 226, 246, 316-318
biofertilizer 210, 216, 221
biosensor 143-144
blogging 161
Bureau of Energy Efficiency (BEE) 115
business incubation 180

C
Cancer Prevention Fellowship Program (CPFP) 202
cancer therapy 200, 203-204
carbon nanotubes (CNT) 146
cell proliferation 202, 207
Centers of Excellence (CoEs) 92
Centralized Baking System (CBS) 260
Central Statistics Office (CSO) 26
Centre for Biological and Environmental Nanotechnology (CBEN) 142
Centre for Outreach 102, 232, 242, 316
Centres of Excellence (CoE) 148
Cold War 62, 219
Commercial Bank of Ceylon Limited (CBCL) 258
communities of practice 92, 98, 313
community engagement 270-276, 280-282, 284, 319, 346, 349
community service learning (CSL) 67
Computer Assisted Audit Techniques (CAATs) 32
Computer Processing and Planning (CPP) 251
Confederation of Indian Industries (CII) 173, 177
going education unit (CEU) 51
Continuous learning 22, 51, 91-92, 97, 102, 336
Controlled Environment Agriculture (CEA) 140
Corporate Catalyst India (CCI) 186, 198
corporate education responsibility (CER) 109
corporate organization 81
Corporate Sector Participation 103, 109
corporate social responsibility (CSR) 109
Council of Scientific and Industrial Research (CSIR) 183
Cumulative Grade Point Average (CGPA) 340
curriculum development 83, 87-88, 158, 228

D
Definition and Selection of Competencies (DeSeCo) 80, 83
demystify 56
Dental Council of India (DCI) 104
Department of Agricultural Research and Education (DARE) 341
Index

Department of Biotechnology (DBT) 120
Department of Industrial Policy and Promotion (DIPP) 188, 198
Department of Science and Technology (DST) 147-148
department of scientific and industrial research (DSIR) 176
digital working places 46
Division of Cancer Control and Population Science (DCCPS) 202
Division of Cancer Epidemiology and Genetics (DCEG) 202
DNA technology 14, 213, 222, 227

E
Education Governance 288, 304
e-Learning Language Programme (ELLP) 330
employee performance 39, 331
entrepreneur management 158
entrepreneurship 20, 66-67, 71, 73-75, 100, 107, 110, 113, 120, 125, 127-129, 131, 166, 176, 180-185, 241, 278, 332
Entrepreneurship Development Institute (EDI) 73
Entrepreneurship Development Program (EDP) 73
environmental science 105, 167, 223
equity funding 180
European Association of Distance Learning Universities (EADTU) 312
European Initiative for Biotechnology Education (EIBE) 312
European University Association (EUA) 342

F
fermentation 135, 209-210, 216, 220, 222, 225-227, 319
finishing school 92, 97
Food and Agriculture Integrated Development Action (FAIDA) 190
food science 15, 138, 158, 187, 190, 193, 197, 311-312, 317
foreign direct investment (FDI) 188
foreign trade 158

G
genetic engineering (GE) 120-122, 126-127, 130, 133-134, 181, 209, 213-214, 220-221, 224-227
Gen-Y 90, 96, 100, 102
global economic integration 23, 29
global economic liberalization 51
Global Education Center (GEC) 288
government-linked company (GLC) 327
gross enrolment ratio (GER) 116

H
Human Capacity Building 103
Human Resource Development Council (HRDC) 327
Human Resource Development Fund (HRDF) 326

I
Indian Corporate Law Service (ICLS) 343
Indian Council of Agricultural Research (ICAR) 341
Indian Institutes of Management (IIMs) 104, 191
Indian Institutes of Science Education and Research (IISERs) 65
Indian Power Sector 103-104, 114, 117
Indian Space Research Organization (ISRO) 73
Indira Gandhi National Open University (IGNOU) 258
industrial microbiology 209-210, 213-216, 218, 220, 222-223, 225, 227
Information and Communication Technology (ICT) 64, 285, 321-322
initial learning program (ILP) 92
integrated circuits (IC) 13-15, 132
Intellectual Property Rights (IPR) 122
Interagency Oncology Task Force (IOTF) 202
interdisciplinary approach 79
Internal Quality Assurance (IQA) 340
International Agency for research on Cancer (IARC) 202
International Center for Technology Assessment (ICTA) 140
internationalisation 324
Index

J
Jawaharlal Nehru National Urban Renewal Mission (JnNURM) 255
Jharkhand 67-77
Jharkhand Tribal Development Society (JTDS) 72
job opportunity 124, 128, 163-165, 200, 202-203, 219-220, 225

K
Knowledge Economy (KE) 1-2
knowledge integration 4, 12-13, 20, 83, 313-314, 319
Knowledge Project Team (KPT) 11
knowledge society 1, 4, 7-8, 12, 16, 18, 63, 76, 79-80, 84, 90, 171, 229-231, 245, 281, 284, 306-307, 312, 315, 317, 341, 344
knowledge transfer 20, 40, 52, 200, 279, 296, 302, 314, 334
Krishi Gram Vikas Kendra (KGVK) 71

L
learning stage 296
lifelong learning 24, 26, 30, 49, 55, 90, 322, 325-326, 329, 332, 336, 351
LPG Equipment Research Centre 103

M
management education 4, 17, 24, 27, 39-40, 53, 55, 228-232, 234, 240-241, 244-245, 259, 316, 338
market operator (MO) 264-265
Massachusetts Institute of Technology (MIT) 281
master of business administration (MBA) 257, 311
master of valuation 158
Masters Program in Nonprofit Management (MNPM) 231
Medical Council of India (MCI) 104
metal leaching 220
microbiology 9, 15, 17, 19, 123-124, 128, 152, 166, 168, 174, 181, 197, 209-227, 283, 311, 313, 318-319
microenvironmental stress 202
Millennium Development Goal (MDG) 73, 291, 303
multinational company (MNC) 324

N
nanocheck 142
nanopowder 142
Nanoscience and Technology Mission (NSTM) 147
nanotechnology (NT) 138
National Assessment and Accreditation Council (NAAC) 123, 340
National Board of Accreditation (NBA) 340
National Chemical Laboratory (NCL) 183
National Innovation System (NIS) 9
National Institute of Public Administration 327
National Institutes of Technology (NITs) 104
National Knowledge Commission (NKC) 18, 280, 284
National Load Despatch Center (NLDC) 266
National Mission for Education using Information and Communication Technology (NMEICT) 155
National Nanotechnology Initiative 147, 152
National Sample Survey (NSS) 191
national training policy (NTP) 111, 116
Non Governmental Organizations (NGOs) 67, 70-78, 182, 200-204, 206-207, 226, 228-229, 231-236, 239, 241-244
non-profit management 228-229
nonprofit organizations (NPO) 231-232

O
OECD (Organisation of Economic Co-operation Development) 62
oncogenes 200
Open distance learning (ODL) 306
Open University Malaysia (OUM) 322
ordinary least squares (OLS) 26

P
Pedagogy 230, 257, 286, 297, 304
peer-led team learning (PLTL) 315
performative knowledge 324, 336
personal development plan (PDP) 96, 100
Pharmaceutical Council of India (PCI) 104
Pharmacy Council of India (PCI) 60
pharmacy education 57, 60-61, 63, 65
plant manager 219
policy formulation 158, 171
Postdoctoral Professional Masters (PPM) 309
post-graduate (PG) 120
power system operator certification 263, 266-267
probationary officer (PO) 344
process-oriented guided inquiry learning (POGIL) 315
Professional Science Master’s Programme (PSM) 227
professional skill 307
Index

programmed cell death 200-203, 206-208
Programme for International Student Assessment (PISA) 124
project manager 219
protein supplement 220
Public-Private-PEOPLE-Partnership (4P) 73
Punjab national bank institute of information technology (PNBHIIT) 258

Q
quality culture 339, 341-345, 349-350
quality enhancement (QE) 343
quality feasible (QF) 343
quality model (QM) 343

R
rDNA 121
real time operation 263, 266
Regional Load Dispatch Centers (RLDCs) 266
Regional Power Committee (RPC) 267
regulatory mechanism 203

S
seed capital 180, 184
self employed 177
self help groups (SHGs 73
Skills Development Fund (SDF) 326
soil reclamation 220
Special Interest Group (SIG) 20
State Load Dispatch Centres (SLDCs) 266
student-centered activities 86
subject matter expert (SME) 95, 98
supplementary professional education (SPE) 23
support personnel 103

T
tablet computer 298, 304
team leader (TL) 95
team member (TM) 95
telecommunication industry 1, 11, 15-16, 291
Time to Market 294, 301-302, 305
Total Village Management (TVM) 72
triple helix model 17, 273, 281, 349
Tropical Botanical Gardens Research Institute (TBGRI) 81

U
under graduate (UG) 120
United States Department of Agriculture (USDA) 146
university continuing education (UCE) 24, 26
university-corporate partnership 272, 274-275, 322, 335-336
University Grants Commission (UGC) 59, 120, 171-172, 292, 340
University Industry Community Interaction Centre (UICIC) 175
university outreach 7, 18, 20, 75-76, 121, 228-231, 242, 245, 270-271, 284, 316-317, 319, 349
user experience design (UXD) 300

V
Virginia Institute for Performance Engineering and Research (VIPER) 277
virtual class room 39

W
World-Class University 62
World Wide Web (WWW) 161, 255