INDEX

Ability, 32, 80
Active participation, 10
Adaptation, 33
ADKAR, 79
Agile, 35–36, 38–41
Alignment, 9–16
American Express, 3
Analyse phase, 5
Aspiration, 32
Awareness, 80

Big Data, 110–112
Big Data Analytics (BDA), 110
Black Belts (BBs), 18, 23, 57–59
Bloom's taxonomy, 69
Businesses, 30
Business process improvement (BPI), 109

'Catchball' approach, 13
Career progression, 41–43
Carrots competition strategy, 78
Carrot stick strategy, 77–78
Carrot strategy, 76
Catalytic learning capability, 34
Cause and Effect Analysis, 5
Champions League, 29
Champion training, 58
Chart cumulative flow, 41
Commonwealth Health Corporation, 3
Communication, 48
Continuous improvement (CI), 1
Continuous learning, 34
Control Charts, 6
Control phase, 6
Cooperative learning, 62
Correlation Analysis, 5
Course preparation, 62
Critical success factors (CSFs), 30, 46
Critical-to-Quality drill-down tree, 5
Curriculum, 59–60
  assessment, 68–70
  development, 64–68
Customer satisfaction, 21

Define–Measure–Analyse–Improve–Control (DMAIC), 5, 24, 59, 93
Define phase, 5
360-Degree feedback mechanism, 40
Design for Lean Six Sigma (DFLSS), 91
Design of Experiments, 5
Desire, 80
Dow Chemical, 3
DuPont, 3
Dynamic capability, 91
Dynamic sensors, 34

Effort–impact matrix, 20
Employee satisfaction, 21
Engagement, 32
Enterprising spirit, 34
Environment Management System, 104
Establishing vision, 12
Executive talent, 31

Feedback, 61
Financial savings, 21
Formative assessment, 69
Ford, 3

Globalisation, 30
Green Belts (GBs), 18, 34, 57, 59
Green technology, 101–106

Heineken, 29
Higher educational systems, 116
High potential (HiPo) employees
  catalytic learning capability, 34
  critical top-level roles, 32
  drive to excel, 33
  dynamic sensors, 34
  enterprising spirit, 34
Histogram, 5
Honeywell, 2
Hoshin Kanri
  application, 9
  establishing vision, 12
  Lean Six Sigma (LSS), 13–15
  management, 11
  outcome, 9
  policy control, 13
  policy deployment, 12
  policy development, 12
  strategy deployment, 9
Hypothesis Testing, 5

Improve phase, 5
Innovation, 92–95
Insufficient time, 26
ISO 9001, 104
ISO 14001, 104

Knowledge, 48, 80, 96

Leaders, 33
Leadership, 6
  behaviours, 49–50
  characteristics, 50–51
  positions, 41–43
  skills, 47–49
  strategic significance, 47
  styles, 53–54
Lean, 1, 85
  high potentials, 34–35
  integration, 3–5
Lean Production System (LPS), 1, 2
Lean Six Sigma (LSS)
  Agile program, 36
  alignment, 9–16
  benefits, 4–5
  curriculum, 59–60
  emerging themes, 107–116
  green technology, 101–106
  HIPO selection process, 36–38
  innovation, 92–95
  leadership, 45–55
  methodology, 5–6
  organisational learning (OL), 96–99
  project selection and prioritisation, 17–27
  reward and recognition systems, 76–79
  sustainability, 83–89
  teaching and training, 60–61
  Ten Commandments, 1, 6–8
Lean Six Sigma strategy, 11
Learning, 97

3M, 3
Master Black Belts (MBBs), 57, 58
Measurement System Analysis (MSA), 5
Measure phase, 5
Monitoring and control, 27
Motivational theory, 74
Motorola, 2, 107

Non-value-added activities, 2

Organisational leaders, 85
Organisational learning (OL), 91, 96–99
Organisational strategy, 9–16

Pareto Chart, 5
Participants, 51
Phase-gate monitoring, 40
Poka-Yoke (Mistake-Proofing), 6
Policy control, 13
Policy deployment, 12
Policy development, 12
Prioritisation Matrix, 5

Problem-solving, 23, 97
Process Capability Analysis, 5
Process Mapping, 5
Project Charter, 5
Project reviews, 23–25
Project selection
  criteria and score, 21, 22
  effort-impact matrix, 20
  failure, 25–27
  good and bad, 18–19
  responsible, 22–23
Public sector organisations, 114–115

Quality Management System, 104

Reinforcement, 80
Rewards and recognitions system, 73–75
  management strategy, 79–80
  types, 76–79
Risks, 21
Robotic Process Automation (RPA), 108–110
Root Cause Analysis, 5
Run Charts or Control Charts, 5

Scatter Diagram, 5
Self-determination theory, 74
Single Minute Exchange of Dies, 5
Six Sigma, 1
  high potentials, 34–35
  initiatives, 3
  integration, 3–5
  Motorola, 2
Small and medium enterprise (SME), 42
Soft skills training
  business process understanding, 63
  communication skills, 63
  leadership skills, 63
  management skills, 63–64
  positive attitude, 63
'Solution unknown' projects, 17
Spontaneous carrot strategy, 78–79
Sprints, 41
Standard Operating Procedures (SOP), 6
Statistical Engineering (SE), 113–114
Stick strategy, 77
Strategic alignment, 21
Summative assessment, 69–70
Supplier–Input–Process–Output–Customer (SIPOC), 5
Sustainability, 7, 70–71
  critical challenges, 84–87
  strategies to overcome, 87–89

Talent management, 30
Ten Commandments, 1, 6–8
Three Cs model, 53
Three Rs, 51
Time, 21
Top talent, 31–33
Total Quality Management (TQM), 92
Toyota, 46
Track velocity, 41
Training
  BBs, 58–59
  champion, 58
  GBs, 59
  MBBs, 58
  soft skills, 62–64
  YBs, 59
Transferring knowledge, 98
Transactional leadership, 54
Transformation, 49–50

Value-added activities, 2
Visual Management, 6
Voice of the Business (VOB), 23
Voice of the Customer (VOC), 5, 23

'War for Talent,' 31
WebProfits, 31

X-matrix, 13, 15

Yellow Belts (YBs), 34, 57, 59