

INDEX

- Action design research (ADR), 74, 89
 - build, intervene, evaluate, 91
 - document learning, 91
 - problem formulation, 90–91
 - reflect and learn, 91
- Action research (AR), 75, 78–80, 87
- Adaptive interfaces, 46
- Adhocracy, 59, 60, 153
- Algorithm wave, 7–8
- Anonymity, 70
- Asana, 46
- Augmentation wave, 7–8
- Autonomy wave, 7–8
- Basecamp, 46
- Canonical Action Research (CAR), 79
- Change management digital tools
 - collaborative tools, 176–178
 - digital leaders thoughts, 181–182
 - digital platforms, 173–174
 - employee communications, 178–181
 - future, 174–176, 182–185
 - talent market, 176
 - work arrangements, 176
- Clan, 59, 153
- Collaboration, 47–48
 - decision making, 48–49
 - tools, 46, 176–178
- Collective intelligence, 47
- Competing values
 - framework (CVF), 27, 43–44, 53
 - and OCAI, 55–62
- Component-based software development (CBSD), 53
- Computational thinking capabilities, 20
- Constructive collaboration, 25
- Corporate culture, 31

- Crowdsourcing platforms, 47, 48
- Cultural alignment, 25–26
- Cultural realignment, 56
- Culture Acceleration Tool and Methodology (CATM), 5, 52, 53
 - action research (AR), 75, 78–80
 - architecture, 54
 - community and groupings, 104
 - culture change
 - description, 150–153
 - data description, 134–135
 - deployment, 128–129
 - design, 55, 73–117
 - design research (DR), 75
 - design science, 80–87
 - ease of learning, 154
 - features and capabilities, 91–94
 - group process
 - requirements, 101
 - measurements, 102–104
 - Organisational
 - Dominant BIE, 94–98
 - organisation-wide
 - culture survey, 136–137
 - R3A, 114
 - RS0, 98–100
 - RS1, 105–113
 - RS2, 113–114
 - satisfaction, 155
 - screenshots, 129–130
 - survey participants, 130–134
 - usefulness, 154
 - validation, 153–159
 - validity and reliability, 135–136
- Culture brainstorming tool, 51–52
- Culture change, 31
 - barriers, 30–36
 - CISCO, 37–42
 - digital tools, 45–47
 - eight steps, 27–30
 - future, 182–185
- Culture conversations, 47–48
- Culture instruments, 42–44
- Decision rooms
 - anonymity, 70
 - characteristics, 68–69
 - group digital memory, 70
 - parallel communication, 70
 - process structure, 70
 - process support, 69
 - task structure, 69
 - task support, 69
- Decision support, 66
- Deployment, 128–129
- Design research (DR), 75, 87
- Design science, 80–87
- Design thinking, 10
- Digital brainstorming, 62–68, 168–172

- Digital leaders thoughts, 181–182
- Digital platforms, 173–174
- Digital skills training, 20
- Digital tools
 - collaborative decision making, 48–49
 - culture change, 45–47
 - culture acceleration, 53–117
 - evaluation methods, 115–117
 - structured process, 49–51
- Digital transformation
 - ability, 20
 - capabilities, 19–20
 - catalyst for change, 21–22
 - change management capability, 19
 - communication, 20
 - computational thinking capabilities, 20
 - culture, 2–3
 - disruptive organisational change, 1
 - future of jobs, 9–13
 - Industry 4.0, 5–9
 - innovative and adaptive thinking, 21
 - leaders in, 18
 - research, 4–5
 - Singapore University of Technology and Design (SUTD), 4–5
 - visionary mindset, 19
 - workforce planning, 13–18
- Disruptive organisational change, 1
- Distributed trust, 6
- Dropbox, 46
- Economist Intelligence Unit, 11
- Employee communications, 178–181
- Employee interest groups (EIGs), 156
- Excessive turnover, 34
- Existing culture, 31–32
- Facebook, 48, 65
- File sharing platforms, 46
- FITLION, 164
- Google Drive, 46
- Group Decision Support System (GDSS), 48, 52, 53, 62–68
 - decision rooms, 68–71
 - effective utilization, 72
 - facilitators, 72–73
 - technologies, 73
 - usability, 71
- Group digital memory, 70
- Hierarchy, 59
- Hipchat, 47
- Humanities, Arts, and Social Sciences (HASS), 120–121
- Ideation, 86
- Implementation, 86

- Industry 4.0, 5–9
- Innovation economy, 9
- Inspiration, 86
- IS Design Theory (ISDT), 82
- Leadership, 32
- Microsoft, 21
- Multi-disciplinary focus, 121
- Netflix, 21, 48
- Open communication, 47
- Organisational change
 - management, 26–30
- Organisational Culture
 - Assessment Instrument (OCAI), 23–24, 53, 128–129, 135–136, 142, 146–148
 - competing values framework (CVF), 55–62
 - six dimensions of culture, 60–61
 - used, 61–62
- Organisational leader, 148
- Organisation-wide culture survey, 136–137
- “Ornithine Cycle,” 77
- Parallel communication, 70
- Participant profiles, 132–133
- Participation rates, 131–132
- Participatory discussion process, 50
- People and the Internet, 6
- PIER principle, 88
- Polling and ranking feature, 71
- Process losses, 62
- Process structure, 70
- Process support, 69
- Prototype evaluation, 114
- Psychological safety, 34
- R3A, 114
- RS0, 98–100
- RS1, 105–113
- RS2, 113–114
- Senior management, 137–138, 148
- Shared perceptions, 24
- Sharing economy, 6
- Singapore University of Technology and Design (SUTD), 4–5
 - awards, 155
 - CATM deployment, 128–129
 - desired culture, 143
 - dimensions, 146–150
 - faculty, 140
 - Humanities, Arts, and Social Sciences (HASS), 120–125
 - phase 1, 125–126
 - problems, 126–127

- regions perception,
144–146
- senior management,
137–139
- student employment,
160–162
- students, 140–142
- survey participants,
130–134
- vision and design,
122–123
- Skills Future Singapore
(SSG), 12
- Slace, 47
- Social lubrication,
155–156
- Social platforms, 46, 47
- Staff, 139
- Staff newsletter, 156
- Students, 140–141
- Talent market, 176
- Tan Tse Yong, 163–172
- Task structure, 69
- Task support, 69
- Town hall gatherings,
156
- Training providers, 13
- Virtual collaboration, 9
- Wearable technology, 46
- Wikis, 46
- Workforce planning,
13–18
- Yammer, 47