

# Index

## A

Absolute Advantage 7  
 Academic Registry Information System (ARIS) 154  
 Access 107  
 Adoption of New Technology (NTA) 170  
 Affordability 134  
 Africa 230  
 Appropriate ICT (AICT) 156  
 Appropriate Technology (AT) 155  
 Attitude 177  
 Autopoesis 205

## B

Botswana 87  
 Broadband Affordability 144  
 Broadband Diffusion 140  
 Broadband Internet 132

## C

Capacity Building 212  
 Case Study 172  
 Centralisation 170, 173  
 Codification 56  
 Collaboration 5  
 Common Good 133, 139  
 Communication Culture 176  
 Community-Based Technology Center (CTC) 239  
 Community Informatics (CI) 152  
 Community Information Centre 239  
 Community Initiated 160  
 Comparative Advantage 8  
 Competition 143, 196  
 Competitive Advantage 2  
 Competitiveness 2

Constructivist 94  
 Contract Management 259  
 Convention on Biodiversity (CBD) 213  
 Coopetition 21  
 Copyright 84  
 Culture 262  
 Curriculum 73

## D

Data Accuracy 177  
 Developing Countries 161  
 Development 207  
 Diffusion 132  
 Digital Divide 109, 134, 152, 189, 217, 224  
 Digital Economy 10  
 Digital Environment 96  
 Digital Information 85  
 Digital Manufacturing (DM) 172  
 Digital Natives 95  
 Digital Opportunity Index (DOI) 224  
 Digital Repository 100  
 Digital Scholarship 98  
 Digitization of Information 3  
 Direct Taxation 28  
 Distance Learning 86

## E

e-Commerce 28  
 Economic Development Nexus 224  
 Economic Geography 16  
 Economic Sustainability 160  
 Educational Structure 69  
 Effective Use 158  
 e-Learning 93  
 Enterprise Resource Planning (ERP) 169

## **Index**

### **F**

Farmers 239  
Focus Group Discussions (FGD) 245  
Formalisation 171, 175  
Free and Open Source Software (FOSS) 153

### **G**

Governance 161  
Grameenphone 239  
Grameenphone Community Information Center (GPCIC) 244  
Gross Domestic Product (GDP) 224

### **H**

Higher Education 51, 91, 153  
High Tech 19  
Human Capital 195

### **I**

ICT Opportunity Index 227  
India 111  
Indigenous Knowledge (IK) 87  
Indigenous Knowledge Systems (IKS) 87  
Information and Communication Technology (ICT) 17, 65, 68, 106, 227, 238  
Infrastructure 111  
Intellectual Property 83, 207  
Interconnection 188  
Internet 185  
Internet Diffusion 191  
Internet Divide 112  
Internet Protocol (IP) 185  
IT Implementation 170  
IT Penetration 193  
IT Systems 169

### **K**

Knowledge 2  
Knowledge Economics 8  
Knowledge Economy 52  
Knowledge Management (KM) 55  
Knowledge, Skills and Attitudes (KSAs) 70

### **L**

Law 207  
Learning-by-Building 67

Licensing Agreements 85  
Local Area Network (LAN) 185

### **M**

Market Intelligence 53  
Middle Out Approach 65, 68  
Mobile Divide 113

### **N**

National Regulation 140  
New Economic Model 1  
Next Generation Networks (NGN) 188  
North-South Collaboration 154

### **O**

Open Source 152, 159  
Organisational Culture 171  
Organisation Dispositional Innovativeness (ODI) 172, 178  
Oulu 17  
Outsourcing 258  
Outsourcing Contracts 258  
Outsourcing Success 266

### **P**

Pallytathya Kendra 239  
Path-Dependence 19  
Permanent Establishment (PE) 27, 36-37, 40, 42, 44, 47  
Personalisation 57  
Principle of Feasibility 31  
Program 65, 68  
Public Policy 138

### **Q**

Quality 258  
Quality Management 259

### **R**

Residential Based Taxation 28

### **S**

Scholarship of Teaching 97  
Scholarship of Teaching and Learning (SoTL) 98  
Software Licensing 158

Source Based Taxation 31  
South Africa 51  
Spinout Project 160  
Stakeholder Theory 133  
Supply Chain Management (SCM) 15  
Supply Chain Management (SCM) Frameworks 20  
Supply Chain (SC) Endowment 21  
Sustainability 67  
Systems Development Life Cycle (SDLC) 156

## **T**

Tax 26  
Tax Administration 33  
Tax Policy 33  
Technology Acceptance 183, 239, 241-242, 248,  
254-255  
Technology Acceptance Model (TAM) 241  
Technology Transfer 207  
Technology Village 19  
Telecentres 241

Telecommunications Policy 196  
Tele-density 111  
Theory of Autopoesis 205  
Thuthuka Programme 59  
Top Management Support 261  
Traditional Knowledge (TK) 217  
Transmission Control Protocol (TCP) 185

## **U**

Universities 57  
University of Botswana 96  
University of Cape Town (UCT) 59

## **W**

Web 2.0 92  
Wide Area Network (WAN) 185  
World Intellectual Property Organisation (WIPO) 89  
World Summit on Information Society (WSIS) 226