Appendix 6: Acronyms

3G	3rd Generation (of Mobile Telephony – capable of high-speed data)
AICTE	All India Council for Technical Education
AIDS	Acquired Immune Deficiency Syndrome
ARPA	Advanced Research Projects Agency (USA)
ASCII	American Standard Code for Information Interchange
B2B	Business to Business
B2C	Business to Consumer
BOP	Bottom of the Pyramid
CAIDA	Cooperative Association for Internet Data Analysis
CDAC	Center for Development of Advanced Computing (India)
CDMA	Code Division Multiple Access
CEE	Central and Eastern Europe
CERTs	Computer Emergency Response Teams
CGIAR	Consultative Group on International Agricultural Research
CIS	Commonwealth of Independent States (formerly the USSR)
CMU	Carnegie Mellon University
CO$_2$	Carbon Dioxide
CRT	Cathode Ray Tube
CSIR	Council for Scientific and Industrial Research (India)
CSTEP	Center for Study of Science Technology and Policy (India)
DAI	Digital Access Index (ITU Metric for data connectivity)
DARPA	Defense Advanced Research Projects Agency (US government entity that funds extensive R&D; its predecessor funded what became the Internet)
DHS	(US) Dept. of Homeland Security
DNS	Domain Name Service
DSL	Digital Subscriber Line
DST	Dept. of Science and Technology (Govt. of India)
e-commerce	Electronic commerce
ENUM	Electronic Numbers (New mechanism for linking Internet addresses to telephone numbers)
ESTI	European Telecommunications Standards Institute
FAO	Food and Agricultural Organization
FCC	Federal Communications Commission (USA)
FOSS	Free and Open Source Software
GDP	Gross Domestic Product
GIS	Geographic Information System
GNI	Gross National Income
GNP	Gross National Product

GPRS	General Packet Radio Service (considered 2.5 Generation mobile technology)
GPS	Global Positioning System
GSM	Global System for Mobile Communications (cellular phone technology)
ha	Hectare
HAART	Highly Active Antiretroviral Therapy
HCI	Human-Computer Interface
HDI	Human Development Index
HDR	Human Development Report
HIPC	Heavily Indebted Poor Country
HIV	Human Immunodeficiency Virus
HP	Hewlett Packard
HW/SW	Hardware/Software
IBM	International Business Machines
ICANN	Internet Corporation for Assigned Names and Numbers
ICT	Information and Communications Technology
ICT-SD	Information and Communications Technology – Sustainable Development
IDNs	Internationalized Domain Names
IETF	Internet Engineering Task Force
IISc	Indian Institute of Science
IP	Internet Protocol
IPR	Intellectual Property Rights
IPv4	Internet Protocol Version 4
IPv6	Internet Protocol Version 6
ISPs	Internet Service Providers
IT	Information Technology
ITU	International Telecommunication Union
kbps	Kilobits per second
LAN	Local Area Network
LCD	Liquid Crystal Display
Mbps	Megabits Per Second
MCIT	Ministry of Communications and Information Technology (India)
MDG	Millennium Development Goal
MEMS	Micro-Electromechanical Systems
MIMO	Multi-Input Multi-Output
n.a.	Not Available
NGO	Non-Governmental Organization
NIAS	National Institute for Advanced Studies
NIST	National Institute of Standards and Technology (USA)
NSF	National Science Foundation
ODA	Official Development Assistance

OECD	Organization for Economic Co-operation and Development
PC	Personal Computer
PPP	Purchasing Power Parity (mechanism for adjusting exchange rates based on local costs of living)
PTT	Post, Telephone, and Telegraph (Governmental telecommunications provider)
R&D	Research and Development
RFID	Radio Frequency Identification Device
ROI	Return on Investment
SCADA	Supervisory Control And Data Acquisition
SD	Sustainable Development
SMS	Short Message Service
T&D	Transmission and Distribution (e.g., of electricity)
TB	Tuberculosis
TCO	Total Costs of Ownership
TCP/IP	Transmission Control Protocol/Internet Protocol
TV	Television
UK	United Kingdom
UN	United Nations
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Program
UNICEF	United Nations Children's Fund (formerly United Nations International Children's Emergency Fund)
US	United States
USO	Universal Service Obligation
VCR	Video Cassette Recorder
VoIP	Voice over Internet Protocol
VSAT	Very Small Aperture Terminal (satellite communications)
WB	World Bank
WEHAB	Water, Energy, Health, Agriculture, and Biodiversity (UN Framework)
WHO	World Health Organization
WiFi	Wireless Fidelity (standard for wireless LANs – based on IEEE 802.11)
WiMax	Worldwide Interoperability for Microwave Access (standard for broadband wireless access – based on IEEE 802.16)
WSIS	World Summit on the Information Society