## **Contents**

## Part I ICT in Basic Education

1	ICT as a Catalyst of Innovation	3
2	Inclusive Education in Rural Alberta, Canada: Utilizing ICT to Support Twenty-First Century Learning Dermod Craig Madden	19
3	Classroom Assessment: A Key Component to Support  Education Transformation  Jon K. Price, Daniel Light and Elizabeth Pierson	31
4	Case Studies of Russian Educators Transforming Classroom Practices Through ICT-Rich School Environments	47
5	An Introduction to ICT in Education in China	65
6	Sustaining and Scaling Research-Based ICT in Education Innovations in Singapore	85
7	ICTs as Transformative Enabling Tools in Education for Sustainable Development	101

xii Contents

Part II ICT in Technical and Vocational Education

8	Pattern-Based Approaches to Introducing New Technologies in Vocational Training	119
9	Imperatives of Access, Equity and Quality in Indian Technical Education System: Role of ICT Anup Kumar Ray	143
10	Towards Modelling Teachers' ICT Competence Profile in Europe Panagiotis Zervas, Konstantinos Chatzistavrianos and Demetrios G. Sampson	163
Par	rt III ICT in Distance Education	
11	Changing the Business Model of a Distance Teaching University Evert Jan Robbert Koper	185
12	Capacity Building Models Through Distance Education	205
Par	t IV ICT in Higher Education	
13	Innovation of Higher Education in the Globalized Era Okhwa Lee and Yeonwook Im	221
14	The Framework for e-Learning 2.5 and Its Primary Functions Toshio Okamoto, Fumihiko Anma and Naomi Nagata	249
15	ICT in Indian Higher Education Administration and Management Marmar Mukhopadhyay and Madhu Parhar	263