Detailed Table of Contents

Preface .................................................................................................................................................. xvii

Acknowledgment .................................................................................................................................. xxi

Section 1
Corporate Education, Knowledge Economy, and Higher Education

Chapter 1
Knowledge Economy and Corporate Education .................................................................................. 1  
  Ram M. Vemuri, Intel Corporation, USA  
  B. PanduRanga Narasimharao, Indira Gandhi National Open University, India

Chapter 2
Moving from Corporate Training to Corporate Education: A Case Study in Accountancy from Turkey ................................................................................................................................. 21  
  Evren Dilek Şengür, Istanbul Universitesi, Turkey  
  Aslı Beyhan Acar, Istanbul Universitesi, Turkey

Chapter 3
Evolving Corporate Education: Relevance of Management Education ............................................. 39  
  Rajat Kanti Baisya, Indian Institute of Technology, Delhi, India  
  Brane Semolic, University of Maribor, Slovenia

Chapter 4
Sustainability in Higher Education through Basic Science Research: Strategies for Corporate Bodies in Pharmaceuticals ..................................................................................................................... 56  
  P. Yogeeswari, Birla Institute of Technology and Science-Pilani, Hyderabad Campus, India  
  D. Sriram, Birla Institute of Technology and Science-Pilani, Hyderabad Campus, India

Chapter 5
NGOs and Corporate Education: A Case Study from Jharkhand ..................................................... 67  
  Ravi Sinha, Yogoda Satsanga Mahavidyalaya, India  
  Mrinal Gaurav, Yogoda Satsanga Mahavidyalaya, India
Chapter 6
Integrated and Corporate Learning in Higher Education: Challenges and Strategies ...................... 79

Om Prakash, National Law University, India
Archie Mathur, National Law University, India

Section 2
Human Capital Development: Bridging Academia–Industry Divide

Chapter 7
Multi-Faceted Industry-Academia Collaboration ................................................................. 90

K Guruprasad, TCS BPO, India

Chapter 8
Preparing Engineering Graduates for Corporate Enterprises: A Case Study on Human Capacity
Building for the Indian Power Sector ...................................................................................... 103

B.N. Balaji Singh, KEC International, India
V. V. Kutumbarao, Gokaraju Rangaraju Educational Society, India
Ram B. Koganti, LPG Equipment Research Centre, India

Chapter 9
Education and Training in Modern Biotechnology in India: Bridging the Academia-Industry
Divide ........................................................................................................................................ 119

C Kameswara Rao, Foundation for Biotechnology Awareness and Education, India
Seetharam Annadana, An Employee of a Multinational Agribiotech Company, India

Chapter 10
Nanorevolution and Professionalizing University Education: Opportunities and Obstacles ........ 138

Mahendra Rai, SGB Amravati University, India
Shivaji Deshmukh, SGB Amravati University, India

Chapter 11
Instilling Ideology of Professionalism in University Education: Assessment of Shifting
Paradigms ..................................................................................................................................... 154

M. M. Salunkhe, Central University of Rajasthan, India
N. V. Thakkar, Central University of Rajasthan, India
R. K. Kamat, Shivaji University, India

Chapter 12
Corporate Education in Universities in India ............................................................................... 173

N. Anand, University of Madras, India
Section 3  
Preparing Professionals: Some Case Studies

Chapter 13  
Preparing Bio-Entrepreneurs: A Case Study ......................................................... 180  
  Sandesh Kamath B., BioGenics, India  
  Gireesh Babu K., BioGenics, India

Chapter 14  
Skill Development in the Indian Food Processing Sector ....................................... 186  
  Prabodh Halde, Marico Ltd., India  
  Subhaprada Nishtala, International Standards Certifications Pty Ltd., India  
  Uday Annapure, Institute of Chemical Technology, India  
  K A Anu Appaiah, Central Food Technology Research Institute, India  
  D. N. Kulkarni, Jain Irrigation, India

Chapter 15  
Preparing Professionals in Cancer Therapy: A Case Study of Programmed Cell Death .... 200  
  Shiv Shanker Pandey, Jawaharlal Nehru University, India  
  Vivek Ambastha, Jawaharlal Nehru University, India  
  Budhi Sagar Tiwari, Jawaharlal Nehru University, India

Chapter 16  
Microbiology Education for Biotechnology Industry ............................................. 209  
  K. K. Pal, Directorate of Groundnut Research, India  
  R. Dey, Directorate of Groundnut Research, India  
  K.V. B. R. Tilak, Osmania University, India

Chapter 17  
University Outreach in Management Education: A Case from India for Meeting the Needs of  
  Professionals in the Field .......................................................................................... 228  
  Yashavantha Dongre, University of Mysore, India & Vijayanagar Krishnadevraja University,  
  Bellary, India  
  B. Panduranga Narasimharao, University of Mysore, India & Indira Gandhi National  
  Open University, Jodhpur

Chapter 18  
Preparing Graduates for the Indian Banking Industry ........................................... 247  
  Onkar Nath, Central Bank of India, India  
  Tukaram U. Fulzele, Indira Gandhi National Open University, India
Chapter 19
Power System Operator Certification: A Case Study for India........................................................ 263
K. Balaraman, Power Research Development Consultants (Pvt.) Ltd., India
B. R. Lakshmikantha, Dayananda Sagar Academy of Technology and Management, India
R. Nagaraja, Power Research Development Consultants (Pvt.) Ltd., India

Section 4
Higher Education Institutions and Corporate Education

Chapter 20
Corporate-University Partnerships: The Outreach and Engagement Model ........................................ 270
Brandon W. Kliewer, Florida Gulf Coast University, USA
Lorilee R. Sandmann, The University of Georgia, USA
B. Panduranga Narasimharao, Indira Gandhi National Open University, India

Chapter 21
Role of Universities in Leveraging ICT for Corporate Education.......................................................... 285
Subraya B M, Infosys Limited, India

Chapter 22
Professionalising Natural Science Education and Multipronged Open Distance Learning .................. 306
B. PanduRanga Narasimharao, Indira Gandhi National Open University, India

Chapter 23
Integrating Corporate Education in Malaysian Higher Education: The Experience of Open University Malaysia ................................ 321
Anuwar Ali, Open University Malaysia, Malaysia

Chapter 24
Internalizing Quality Culture: Professionalizing University Education.................................................. 339
Ganesh A. Hegde, National Assessment and Accreditation Council, India

Compilation of References ..................................................................................................................... 353

About the Contributors ............................................................................................................................ 373

Index....................................................................................................................................................... 386