# Table of Contents

Foreword

Preface

Acknowledgment

Chapter 1
Big Data in Operation Management
  *Arushi Jain and Vishal Bhatnagar, Ambedkar Institute of Advanced Communication Technology And Research, Delhi, India*

Chapter 2
Application of Artificial Neural Networks in Predicting the Degradation of Tram Tracks Using Maintenance Data
  *Sara Moridpour, RMIT University Melbourne, Australia and Ehsan Mazloumi, Monash University, Melbourne, Australia*

Chapter 3
ZAMREN Big Data Management (ZAMBiDM) Envisaging Efficiency and Analytically Manage IT Resources
  *Jameson Mbale, Copperbelt University, Zambia*

Chapter 4
Predictive Analytics in Operations Management
  *Harsh Jain, Amrit Pal and Manish Kumar, Indian Institute of Information Technology Allahabad, India*

Chapter 5
Pros and Cons of Applying Opinion Mining on Operation Management: A Big Data Perspective
  *Mahima goyal and Vishal bhatnagar, Ambedkar Institute of Advanced communication technologies and Research, Delhi, India*

Chapter 6
A Conceptual Framework for Educational System Operation Management Synchronous with Big Data Approach
  *Ganeshayya Ishwarayya Shidaganti, M.S.Ramaiah Institute of Technology, Bengaluru, India and Prakash S, Dayanad Sagar University, Bengaluru, India*

Chapter 7
Management of SME’s Semi Structured data using Semantic Technique
  *Saravjeet Singh, Chitkara University, Chandigarh, India*
Chapter 8

An Overview of Big Data Security with Hadoop Framework
Jaya Singh, Ashish Maruti Gimekar and S Venkatesan, Indian Institute of Information Technology Allahabad, India

Compilation of References

About the Contributors

Index