Preface

A growth curve is an empirical model of the evolution of a quantity over time. Growth curve models are now widely studied in different branches of science. The present volume on Growth Curve Model (GCM) is a culmination of the talks given at the workshop on the topic held during 28–29 March 2016 at Indian Statistical Institute, Giridih.

This workshop proceeding, ‘Growth Curve Models and Applications, Indian Statistical Institute, Giridih, India, March 28–29, 2016’ presents some ideas about the research works, both theoretical and applied, on Growth Curve Models those are going on by the scientists of Indian Statistical Institute in different branches of science over years. I am thankful to the readers as the previous two volumes on GCM; Advances in Growth Curve Models: Topics from the Indian Statistical Institute (2013) and Growth Curve and Structural Equation Modeling: Topics from the Indian Statistical Institute (2015) are well accepted by the scientific community as reflected in Book Performance Report. We invited for contribution to this workshop proceeding and further invited the participants of the workshop to submit more than one paper, if possible for the proceedings. All the papers were peer reviewed. The result is compilation of 12 research papers presented in this volume. Another workshop on GCM was conducted at Indian Statistical Institute, Giridih during 23–24 February 2017.

The endeavor will be considered successful if this can give some idea about solving theoretical and practical problems in this broad area of GCM in which many researchers in different branches of science are interested in.

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