Preface

The 5th KKU International Engineering Conference 2014 (KKU-IENC 2014) was held during March 27-29th, 2014, in the City of Khon Kean, Thailand. The conference is held every other year to serve as a venue for academics, researchers, engineers, scientists and workers in various fields of science and technology, to exchange knowledge, ideas, experience and expertise.

All the papers submitted to this conference have been subjected to a rigorous peer-review process based on originality and quality. Of all the papers submitted, 317 papers have been accepted to the conference and published. In this book, we showcase results from researchers in:

Chapter I: Material Science, Chemical Engineering and Biotechnology

Chapter II: Building Materials and Technologies in Construction

Chapter III: Urban Planning and Transportation

Chapter IV: Environmental Materials, Engineering and Management

Chapter V: Power and Electrical Engineering, Microelectronics and Communication

Chapter VI: Energy and Energy Saving Technologies, Thermal Engineering

Chapter VII: Mechatronics and Control

Chapter VIII: Computer and Information Technology, Data Processing

Chapter IX: Agricultural Engineering and Food Technology

Chapter X: Industrial Engineering

The organizing committee must thank all the reviewers for their diligent comments that help improve manuscripts and every member of the organizing committee for their dedication.

Sujin Bureerat

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