Emerging Trends in Mechanical Engineering

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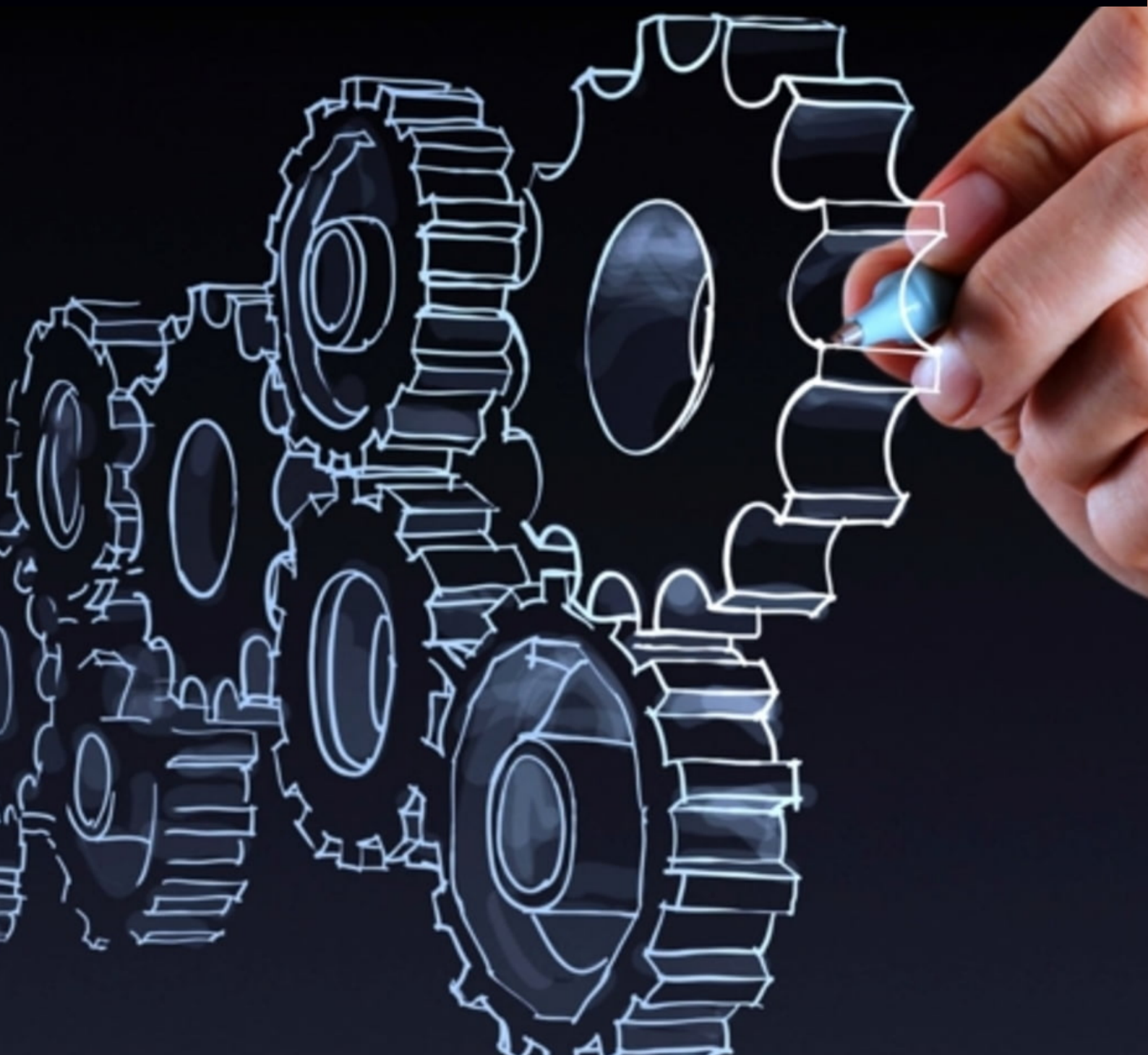

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Preface

Emerging trends and technologies are acting as the main driving forces for not only transforming the traditional education, services, learning patterns, accessibility of information and resources into digital mode but also helping in improving and enhancing the quality of the services, education, courses, and products and so on. Emerging trends and technologies may include use of best practices, new innovations, new concepts, new pedagogies, cutting edge technologies and so on. Emerging trends and technologies are assisting greatly in adding new dimensions and values in the services, education, courses, products, catching desired information, resources etc. in the different disciplines including library and information science as well as providing facilities to disseminate the services, resources, education, resources, products in variety of formats and anywhere and anytime modes also. This book contains a total number of thirty chapters which are focusing on different issues concerning with emerging trends and technologies in the area of Mechanical Engineering. This book is covering variety of issues concerning to the emerging trends and technologies related to the Mechanical Engineering, like advanced manufacturing processes, advanced finishing processes, optimization techniques, machine leaning techniques etc.

Acknowledgement

I gratefully acknowledge all the authors for contributing paper which provides richness of content to this book. I would like to offer my sincere thanks to all the authors.

I am extremely indebted to Dr. Gurmeet Singh Dhaliwal, Chairman, Baba Farid College of Institutions, Bathinda, Dr. Jyoti Bansal, Principal, Baba Farid College of Engineering and Technology, Bathinda as a source of inspiration for me in my academic growth. I am thankful to Empyreal Publishing House for publishing this edited book.

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ABOUT THE BOOK

The present book is based on Emerging Trends in Science, Engineering and Technology. The papers presented bridges the gap between science, engineering and technology. This book covers a variety of topics, including mechanical, production, aeronautical, material science, energy, civil and environmental energy, scientific management, etc. The prime objective of the book is to fully integrate the scientific contributions from academicians, industrialists and research scholars.

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