

# *Futuristic Trends in* **Mechanical Engineering**

*Volume 3, Book 7, 2024, IIP Series*



*Futuristic Trends in*

**MECHANICAL**

**ENGINEERING**

*Volume 3, Book 7, 2024, IIP Series*



**Title of the Book: Futuristic Trends in Mechanical Engineering**

**Edition: Volume 3, Book 7, 2024, IIP Series**

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**E-ISBN: 978-93-5747-860-1**

### **Publisher, Printed at & Distribution by:**

Selfypage Developers Pvt. Ltd.,  
Pushpagiri Complex,  
Beside SBI Housing Board,  
K.M. Road Chikkamagaluru, Karnataka.  
Tel.: +91-8861518868  
E-mail: info@iipseries.org

**IMPRINT: I I P Iterative International Publishers**

# PREFACE

The primary goal of this book series is to promote research and developmental activities in mechanical engineering. It aims at promoting scientific information exchange among the academicians, researchers, developers, engineers, students, and practitioners working around the world. This book covers the chapters on Advances in Mechanical Engineering. It also focuses on a range of issues but not limited to

- 1.Strength of Materials and Solid Mechanics
- 2.Linear Elastic Solutions
- 3.Elasto-Plastic Solutions
- 4.Stress Distribution in Real Components
- 5.Advance Finite Element Modelling
- 6.Design of Composites
- 7.Design of Light Alloys
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