

# PROGRESS ON ADVANCED & SMART MATERIALS IN ENGINEERING AND MATHEMATICS

Editors  
ZULKIFLI MOHD ROSLI  
SYAHRIZA ISMAIL

Volume 2

# **PROGRESS ON ADVANCED & SMART MATERIALS IN ENGINEERING AND MATHEMATICS**



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Volume 2

The second volume of *Progress on Advanced & Smart Materials in Engineering and Mathematics* presents current research findings that emphasize Synthesis and Processing, Structure-Properties, Mathematical Models, and Materials Analysis. Ten chapters are included in this Volume 2 which are based on themes: 1) Advanced and Smart Materials for Engineering Applications, 2) Green and Sustainable Materials for Engineering Applications, 3) Materials Behaviour and Mathematical Models for Engineering Applications, and 4) Advanced and Smart Processing Technology for Engineering Applications.

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This book is focusing on disseminating knowledge of materials engineering for future generations. It will significantly benefit the researchers and students in understanding knowledge of advanced and smart materials for various applications. This book includes multi-disciplinary topics and scopes encompassing engineering, technology, and mathematics diversity.



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