

Preface

Developing new materials or finding new applications of existing ones are thrilling. This is the reason Materials Science become the most investigated field of research, it is truly an interdisciplinary field. Every day thousands of research and review articles are evolving, this encourages us to come up with a series of books on materials development and applications. This is the first volume in this series. Contributors of this book have extensive experience at various field of materials development for advanced applications. This book is a result of collaboration between all contributing authors who agreed to share their research expertise as well as visions for the future material development. We would like to express our gratitude to all the authors, publishers, and other research groups for granting us the copyright permissions to use their illustrations. Although every effort has been made to obtain the copyright permissions from the respective owners to include citation with the reproduced materials, we would like to offer our sincere apologies to any copyright holder if unknowingly their right is being infringed.

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Sincerely,

Inamuddin Siddique
Department of Applied
Chemistry,
Aligarh Muslim University,
Aligarh, India.

Amir Al-Ahmed
Center of Research Excellence
in Renewable Energy,
King Fahd University of
Petroleum & Minerals,
Dhahran, Saudi Arabia.