
Preface

Nanotechnology is an exciting and accelerating field of activity, which has attracted considerable attention of scientists, engineers and the general public. However, it is very broad and multidisciplinary and cannot be described comprehensively in a single volume.

This book has been compiled into nine chapters covering a range of nanomaterials for applications in energy, membranes and sensors. Each chapter is written by international experts in multidisciplinary research into particular aspects of nanotechnology and nanomaterials.

The authors give scientific background and current research carried out to inform and inspire scientists, engineers, technologists and industrialist to look at nanotechnology solutions to making our planet a better place to live by providing greener energy resources and better medical care using sensors. By its multidisciplinary nature nanotechnology brings together scientists and engineers from all over the world to work on finding solutions to global problems that will benefit the whole of humanity.

I hope that this volume provides useful scientific insights, stimulates further debate and inspires people from all over to get together and act as unifying force.

Professor Waqar Ahmed

University of Central Lancashire, UK