

## Preface

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In the past decades, nanoscience and nanotechnology has been making significant progress and the effect of nanoscience and nanotechnology on every field has been acknowledged worldwide. Nanomaterials and nanostructures are established as knowledge frame of an important branch of learning in university curriculum worldwide. As one of the premier institutes of technology, Indian Institute of Technology Guwahati (IITG) has been taking a leading role in contributing to the ongoing developments in the field, through teaching, research, manpower development and by regularly organizing conferences/seminars in the field.

This special issue partly represents the proceedings of the Second International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2011) jointly organized by the Department of Physics and Center for Nanotechnology, IITG, during December 8–10, 2011. ICANN-2011 has enjoyed a lot of enthusiasm and support with around 400 participants. In addition, 7 plenary talks were delivered by leading experts in the field and a total of 345 papers (through invited talks, oral and poster

presentations) by the delegates from 15 countries and 9 areas were covered in 21 sessions. Out of 61 manuscripts submitted for the special issue, after a thorough review, 29 best manuscripts have been selected for the publication in a special issue of this journal, based on originality and novelty of ideas, appropriateness in the field and importance of the work in the present context, appropriateness of the scope of the journal and clarity of presentation.

We hope that readers of this journal would find the articles selected for the special issue scientifically exciting and useful. We extend our gratitude to reviewers who have provided us with their valuable time in critically reviewing the manuscripts.

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Guest Editors

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