

## **Introduction:**

Welcome to this special issue on "**Nanomaterials for Energy and Environment.**" In the pursuit of sustainable solutions, nanomaterials have emerged as pivotal players in revolutionizing energy technologies and addressing environmental challenges. This collection brings together cutting-edge research, exploring the unique properties of nanomaterials for energy and environmental applications. The 6<sup>th</sup> "International Conference on Nanomaterials for Energy and Environment" [6<sup>th</sup> Nano-E2] was held during 21<sup>st</sup> to 23<sup>rd</sup> December 2023 at The New College Kolhapur, India. It received the overwhelming response from the globe. The scholars, researchers and professors from Australia, the Philippines, India, Singapore, Thailand, South Korea, Taiwan, Germany, South Africa participated with their recent work in the field. More than one hundred abstracts were received; out of which only fifty authors were invited to share the manuscripts. And from this, best manuscripts are selected for this special issue. We hope the readers will enjoy this issue.

Convener Dr Ashok Chougale, Co-Convener Dr Rahul Patil, Organizing Secretary Dr. Vishal More worked hard for this special issue. We are thankful to our peers Hon. B. G. Borade, Hon. A. Y. Patil, Hon. K. G. Patil, Hon. R. Y. Patil, Principal Dr. V. M. Patil, I/c Principal Dr. G. G. Chougale for encouraging and guiding us to organize such scientific events. We are thankful to organizing committee members and extend utmost thanks to all the authors who contributed to this issue. We would like to express our gratitude to the Editorial board of the Iranian Journal of Materials Science and Engineering, for kind cooperation towards this fruitful output.