

## Preface

The **International Conference on Sustainable Green Energy Technologies (ICSGET 2024)** was conducted by the Department of Electrical and Electronics Engineering, Vardhaman College of Engineering, Hyderabad. The main aim of this international conference is to bring together researchers to facilitate knowledge sharing in emerging technologies and enhance collaboration world over. Along with researchers, the professionals and executives from energy sector, manufacturing industries, electrical power companies were invited to share their ideas and information pertaining to recent thrust areas of sustainable green energy technologies. The conference enabled the delegates to undertake collaborative research, update their technical knowledge and to stay in tune with recent advances.

The conference program featured keynote speeches, plenary sessions, technical sessions, poster presentations, and workshops covering a wide range of topics, including:

- Renewable energy sources and technologies
- Energy efficiency and conservation
- Green building and sustainable architecture
- Smart grid systems and integration
- Energy storage solutions
- Sustainable transportation
- Policy, economics, and societal impacts of green energy

We are happy to share that we have received papers from different parts of the globe including Russia, Uzbekistan, US, Italy, Indonesia, Bhutan, Phillipines, Oman, Uganda, Nigeria, Ethiopia and India. The papers related to the scope of our conference covering diversified areas with innovative ideas and solutions were shortlisted for publication in conference proceedings. All the papers were underwent for rigorous review as per Statement of Peer review by e3s web of conferences. We would like to thank the authors, reviewers and our conference committee members for their support extended. Also, we would like to thank edp sciences and e3s web of conferences for publishing our conference proceedings.

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