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Special Issue on

Integrative Technology Advances for Viable Solutions

Guest Editors

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FOREWORD

The 4th International Conference on Renewable Energy Potential for Sustainable Initiatives-REPSI 2024 was organized successfully by the Department of Electrical and Electronics Engineering, BVCOE, New Delhi on 8-9 Feb 2024, in collaboration with the Institution's Innovation Council, IET India as technical partner, and Tata Power as our Industry partner.

Esteemed guests from various academic institutes and organizations related to the renewable energy sector were invited as guests of honor. This conference helped many research scholars to present their ideas related to the health sector after Covid 19, advancement of technology in energy sector and issues related to IT sector.

Mr.Pankaj Dhingra, Director BVG Group was the first keynote speaker, who clearly emphasized on the need and importance of setting up PV manufacturing units in the country. He apprised the audience that a 500MW Module Manufacturing Assembly Unit with latest machines imported from Europe is being commissioned by the BVG Group in Noida, UP.

Mr.Nikhil Pathak Head (Collaborations, Sustainability, Technical Services & Quality Assurance) from TPDDL was the second keynote speaker. His talk mainly focused on the small initiatives that all of us can take in our homes and workplaces to improve our environment and work towards a sustainable future.

The last keynote address was given by Prof. Anil Pahwa who has worked for 40 years in Electrical and Computer Engineering Department at Kansas State University, USA where he is presently University Distinguished Professor and holds the Logan-Fetterhoof Chair. He had

a fair knowledge about the distribution sector of the USA and played a major role in the integration of Solar PV System in the existing grid over there.

In all, over 96 research papers were received from different parts of the country and abroad. Each submission was double-blind reviewed by at least two anonymous reviewers and a total of 38 papers were finally accepted for publication. Hence, this special issue on "Integrative Technology Advances for Viable Solutions" in the *Journal of Information & Optimization Sciences"*.

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