

**International Conference on Power,
Control, and Sustainable Energy
Systems
(ICPCSES-2022)**
<https://icpcses2022.org>

Editors:

Dr. Venkatesh Boddapati, Assistant Professor, Dept. of Electrical and Electronics Engineering, B.M.S. College of Engineering, Bull Temple Road, Bengaluru-19 Karnataka (INDIA)

Dr. Prakash D B, Assistant Professor, Dept. of Electrical and Electronics Engineering, B.M.S. College of Engineering, Bull Temple Road, Bengaluru-19 Karnataka (INDIA)

Dr. P. Sanjeevikumar, Professor in Electrical Power Engineering, University of South-Eastern Norway, Norway.

ICPCSES-2022 is aimed at bringing out the innovative ideas of academicians, industry professionals, research scholars and students in Science and Engineering. Objective of the conference is to provide the platform to bridge the gap between industry and academia in the domain of Power Systems, Control Systems, Power Electronics, Renewable Energy and other interdisciplinary areas. This conference is also focusing on networking people with similar interests to have a collaborative work and to have better solutions to societal problems.

This book deals with the advanced topics of Power system engineering, Power electronics, Renewable Energy Technologies, Electric Vehicles and Smart Grid. This book is most suitable for an Undergraduate, postgraduate students who is interested in carrying out their research in above mentioned areas. Contents presented are also chosen according to the needs of industry- a right mix of modern and conventional concepts.

In the preparation of this book the editors received valuable help from several persons and would like to thank all of them. The editors wishes to record and appreciate all the authors for their contribution. Last but not the least, editors is grateful to the B.M.S College of Engineering, Bangalore, India for the support in preparation of this book and the patience and enthusiastic support provided by our family members during the preparation of this edited book. The Editors wishes to thank the support received from the publishers to bring out this book in a well manned way.

**INTERNATIONAL CONFERENCE
ON POWER, CONTROL AND
SUSTAINABLE ENERGY SYSTEMS
(ICPCSES-2022)**

Dr. Venkatesh Boddapati
Dr. Prakash DB
Dr. P. Sanjeevikumar



**River Publishers Series in
Proceedings**

e-ISBN: 9788770229630

Available From: February 2023

Price:

KEYWORDS:

Sustainable Power and Energy system, Power Electronics, Electric Drives, Electric Vehicles and Advances in Electronics systems.



www.riverpublishers.com
marketing@riverpublishers.com