Foreword

It gives us immense pleasure to welcome you all to the International Conference on Power Generation Systems and Renewable Energy Technologies (PGSRET 2019) being organized by the Faculty of Engineering and Technology, International Islamic University Islamabad, Pakistan, Technology Faculty, Gazi University, Turkey and Faculty of Civil Engineering, Istanbul Technical University, Turkey. The aim of the conference is to bring together scientist, engineers, experts and academics from around the world in order to share and present their ideas and scientific information on all topics related to the power generation and renewable energies.

PGSRET 2019 received a total of 210 national and international research articles. After a thorough and rigorous review process, 82 high quality papers were accepted that correspond to an acceptance rate of 39%. We are pleased to share that scholars from more than 39 countries have opted this platform for presenting their research and development work. The success of PGSRET 2019 depends completely on the efforts, talent and the team work of the organizing committee and their helpers who put much effort into planning this event. In addition to their routine responsibilities, they work hard to take care of everything starting from the call for paper till conducting the final proceeding of the conference. Praise is also deserved for the external reviewers who invested significant time in assessing, analyzing multiple papers to ensure the high standard of this conference. We would like to acknowledge the role of sponsors and collaborators who generously supported and sponsored this conference which greatly helped us to organize this important event. Without the support of these sponsors and collaborators, PGSRET 2019 would have not been possible.

Finally, we are hopeful that the proceeding will provide a good platform for sharing the results, ideas and technical information of research and development efforts at both national and international level. We are also sure that it will also provide you an insight in other emerging areas of power and renewable energies.

Assoc. Prof. Dr. Saeed Badshah,

Conference Chair, PGSRET 2019

Prof. Dr. Erol Kurt

Assoc. Prof. Dr. Cigdem Yangin

Conference Co-Chair, PGSRET 2019