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MULTIDISCIPLINARY RESEARCH AS AGENT OF CHANGE FOR INDUSTRIAL REVOLUTION 4.0

Selected, peer-reviewed papers from the
8th International Conference on Multidisciplinary Research 2019 (ICMR 2019), 21-22
August, 2019, Universiti Sains Malaysia, Malaysia

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Preface

This volume contains selected peer-reviewed papers from the 8th International Conference on Multidisciplinary Research 2019 (ICMR 2019), which took place 21-22 August, 2019, at the Universiti Sains Malaysia, Malaysia

International Conference on Multidisciplinary Research is an annual event which has been jointly organised by the School of Distance Education (SDE), Universiti Sains Malaysia (USM), Pulau Pinang with Universitas Islam Sumatera Utara (UISU), Medan, Indonesia and Universitas Syiah Kuala (UNSYIAH), Banda Aceh, Indonesia since 2012. This year's theme was "Multidisciplinary Research as Agent of Change for Industrial Revolution 4.0". The primary objectives of iCMR 2019 are, first, to assemble a team of multidisciplinary field experts to deliberate IR 4.0 that is expected to impact the world in an unparalleled way and, second, through an ongoing dialogue between the disciplines, iCMR intends to be the platform for effective change.

The main objective of this conference is to provide a platform for researchers to share research results in various fields. By doing so, it aims to improve the culture of research and collaboration among scholars and researchers both regionally and internationally. International Conference on Multidisciplinary Research (iCMR) will be a platform for academician to share their findings and provide insights to explore current discoveries and technologies. Sharing of research findings can be channeled into discoveries for improving the quality of life.

The dynamic research ecosystem at USM has enabled it to be crowned as the "Research University" among five other universities in Malaysia and conferred the APEX (Accelerated Programme for Excellence) status. The culture and research ecosystem that has been built by USM have successfully inculcated and created groups and clusters of research. Therefore, in order to perpetuate this culture and research ecosystem, this conference would become the platform for intellectuals to share their research output in various disciplines of knowledge as well as to generate and summarize various ideas which would then be applied accordingly to increase the quality of human life.

Finally, it is hoped that the bond between these four institutions (USM - UISU - UNSYIAH - UNHAS) would be able to create an everlasting relationship through the alternation of organisation of this prestigious event.

27 August 2019

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