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## Preface for International Conference on Recent Trends in Applied Research (ICoRTAR2020) Proceedings

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## Preface for International Conference on Recent Trends in Applied Research (ICoRTAR2020) Proceedings

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The 1st International Conference on Recent Trends in Applied Research (ICoRTAR2020) is a virtual conference based on enabling platforms to present research results relating to global issues. ICoRTAR2020 is hosted by ResearchAcad HUB with channels and human resources in Nigeria, Mexico, India, and Cameroon. Thus, the conference was held virtually from September 18-19, 2020. ICoRTAR2020 aims to bring together faculty members, leading scientists, academicians, research & graduate scholars, industrial professionals, and decision-makers to discuss current trends in research with implications on global phenomena such as COVID-19, economic growth & development, and so on. Basically, the ICORTAR2020 participants discussed extensively vital topics on recent trends and issues in Applied Science, Applied Mathematics, Computational Science, Engineering Science, Physics and Nanoscience, Financial Modeling and, Artificial Intelligence, and Stochastic Dynamics.

Two plenary sessions with different aspects of the ICORTAR2020 Theme were held successfully. The first keynote speaker, Professor Snehashish Chakraverty from the *National Institute of Technology, Rourkela, INDIA*, spoke on “Mathematical Modelling in Applied Science and Engineering.” Thereafter, The second keynote speaker, Professor/Dr. M. O. Ogundiran from the Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria, spoke on “Situational effect of COVID-19 on Recent Trends in Applied Research: the adoption of online practices.” All the papers presented in the ICORTAR2020 are self-contained and peer-reviewed.

Consequently, the following are stated:

- i. ICORTAR2020 (meeting) was virtual due to the global effect of COVID-19 and travel restrictions.



- ii. During the program, the organizers/resource persons were in the following location(s), MTH Conference Room, Department of Mathematics, Ibadan (Nigeria), Department of Mathematics, Federal University of Petroleum Resources, Effurun (Personal Office), National Institute of Technology Rourkela, India, Kenya, Mexico, Cameroon, and Obafemi Awolowo University, Ile-Ife.
- iii. For the plenary sessions, each speaker spent 1/2hour (30mins) to deliver the talks.
- iv. Vital issues discussed extensively include the fundamental aspects of Mathematical Modelling with applications to Science and Engineering and the adoption of online practices in handling the effects of COVID-19 on Recent Trends in Applied Research.
- v. The technology needed to deliver the meeting successfully includes suitable platform such as Google Meet and Zoom.
- vi. The participants used Google Meet Platform (GMP) to connect to the meeting from their different locations. These locations include China, India, Nigeria, Malaysia, and Saudi Arabia. The overall attendance number expected was seventy-five (75).
- vii. Some of the technical difficulties include service network fluctuations leading to continuous logging in activities.
- viii. Limited time frame affected formal relationship establishment amongst participants, unlike the traditional face-to-face contacts.

The staff of the editorial board/organizing committee:

Professor S. Chakraverty, *National Institute of Technology, Rourkela, INDIA*

Professor O. González-Gaxiola, *Universidad Autónoma Metropolitana, MEXICO*

Dr. Ini Adinya, *University of Ibadan, NIGERIA*

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Organizing committee

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