

## Guest Editorial Preface

# Special Issue on Intelligent System: Approaches, Technologies and Networks

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The fourth industrial revolution is underway. An industrial revolution affects technological, industrial, economic, social, and cultural landscapes of our society. That means every nook and corner of our social life will witness its impact. One of the key drivers to Industrial Revolution 4.0 is artificial intelligence. Research in this area is leading to intelligent systems which have a wide spectrum of applications in industry, health care, business, finance, sports, entertainment, transportation, defense, education, and space technology. Technological innovations lead to new type of entrepreneurship, industry and job opportunity which are required to be brought about for the growth and development of any society. That makes AI as hot research area. This conference, “Intelligent Systems: Approaches, Technologies and Networks” is an attempt to keep pace with the growing need for this all-important area. The International Journal of Distributed Artificial intelligence (IJDAI) is releasing its special issue as volume 11, issue 1. This issue presents selected papers on the topics like fuzzy clustering, biometrics, artificial neural network, machine learning, etc.

The special issue contains five extended papers from the International Conference on “Intelligent Systems: Approaches, Technologies and Networks,” which was organized under the Aegis of Indian Council of Social Science Research (ICSSR), MHRD, Government of India, on March 29<sup>th</sup>, 2019. It witnessed over 130 papers presented by scholars from industry, research organizations and academics from leading universities/colleges from across the globe. The objective behind a conference of this nature was to understand the developments and the qualitative research, being undertaken by researchers across the functional areas of intelligent systems. The deep thought and cross-disciplinary scholarly investigations result into innovations. The recent advances in artificial intelligence and potential societal impacts on environment; transports public safety and healthcare etc. are presented in the issue.

We hope that research community will find this special issue as informative and helpful for future research, growth and development.

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*IJDAI*