**Special Issue Proposal**

**Special Issue on: “*Innovation in Applied computation and Computational Intelligence using concept of SMART CITIES”***

**Target Journal:  International Journal of Smart Home (IJSH)**

**Aim and Scope:**

The objective of this issue is to produce novel and fundamental advances in terms of technological innovation in the fields of evolutionary computation and computational intelligence using concepts of smart cities. These issues will also serves to foster communication among researchers and practitioners working in a wide variety of scientific areas with a common interest in improving technological knowledge in the field on computational intelligence and evolutionary computation with their application in smart cities. It will act as medium for IT industry, scientists and research scholar across the globe to showcase their research and recent advances in this field. This issue will set off a wave of reform in many areas, and will gradually create more value for human.

We will solicits high quality original research papers in all aspects of evolutionary computation and computational intelligence related to improvements in genetic algorithms, genetic programming, ant colony optimization and swarm intelligence, complex systems (artificial life/robotics/evolvable hardware/generative and developmental systems/artificial immune systems), Big Data, Cloud Computing, SDN, Networking, Algorithms, digital entertainment technologies and arts, evolutionary combinatorial optimization and metaheuristics, evolutionary machine learning, evolutionary multiobjective optimization, evolutionary numerical optimization, real world applications, search-based software engineering, theory and more.

**Topics**

Topics to be discussed in this special issue include (but are not limited to) the following:

* genetic algorithms
* genetic programming
* ant colony optimization
* swarm intelligence
* evolutionary computing
* complex systems (artificial life/robotics/evolvable hardware/generative developmental systems/artificial immune systems)
* evolutionary digital entertainment technologies and arts
* evolutionary combinatorial optimization and metaheuristics
* evolutionary machine learning
* multi-objective optimization
* evolutionary numerical optimization
* real world applications
* search-based software engineering
* evaluation strategies
* evolutionary programing
* Cloud Computing
* Big Data
* Advanced Networks
* memetic algorithm
* hyper heuristics
* evolvable hardware
* artificial life
* adaptive behavior
* coevolution robotics
* differential evolution
* neural network

**Guest Editors and Editorial Board**

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Guest Editor: Dr. Alaknanda Ashok, G.B.Pant University of Agriculture and Technology, Pantnagar

Guest Editor: Mr. Kapil Joshi, Uttaranchal University

**Expected Dates Schedule (Important Dates)**

Submission Deadline: 31 st December 2019

Notification of Acceptance: 31st January 2020

Final Version Due: 15 march

Special Issue Publishing Date (you want): as per editor in chief (soon after march) 20 April 2020