**Call for Papers**

**Special Session: Computational Intelligence in Big Data analysis.**

**Session Chairperson:** Mr. Ankur Saxena, Amity University, Uttar Pradesh (INDIA)

**E-mail:** conference.cibdab@gmail.com

**Mobile:** + 91 - 9891819235

Computational intelligence is an interdisciplinary approach exploring cutting edge research solutions in the fields of Computer science, Software engineering, Biotechnology, Bioinformatics and Nanotechnology with Big Data. The objectives of the special session on “**Computational Intelligence in Big Data analysis**” are to promote and coordinate the development and practice of computational intelligence to advance the knowledge of electronic business, Information & knowledge management, Big Data and cloud computing. It also aims to provide an international forum for researchers, practitioners, business educators, academicians and policy-makers to disseminate knowledge, exchange new ideas, trends, and practical challenges encountered in this field. It will also discuss the concerns along with the solutions adopted in these fields, to establish business or research relations, and to find global partners for future collaboration. This special session will spotlight on state-of-the-art research paradigms, research challenges and issues in the digital Information & knowledge management, e-business, use of computational intelligence in biological data analysis, and Cloud Computing with Big Data. This special session is open for submission of high quality research contributions from academia and professionals. Original research papers, practical applications, case studies and state of the art reviews will be accepted. We anticipate that the special session will open new entrance for further research and technology improvements in this important area.

The areas covered under this topic are:

* Cloud computing with software development Architecture
* Software framework with Java
* Execution and analysis of Big Data
* High performance computing for computational biology
* Analysis of high dimension omics data
* Design and implementation of novel bioinformatics tools.
* Informatics and Statistics in Biopharmaceutical Research
* Computational Genomics & Proteomics
* e-commerce and e-business
* IPR