Editorial Preface

Special Issue on Innovation in Information Technology Through Smart Cloud and Analytics

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The cloud computing is one of the emerging issues in the field of information technology that has changed the way of computing. The base root of cloud computing starts from Software as a service (SAAS), platform as a service (PAAS) and infrastructure as a service (IAAS) which enables user to use the tools and technologies from any server situated at any location. Thus, cloud computing has changed the way to using technology in information technology. With increase of use of cloud computing, the issues related with cloud computing also increases. The major issues with cloud computing that are challenging right from its evolution are security, quality of service, performance enhancement, etc.

Thinking of data then we can say that data is increasing day by day as in today's world everything is digitalizing and hence the need for maintain data and processing data is also in great use. Data analytics is a branch of science which helps in this aspect by analysing and processing the data in a faster and efficient manner and the research in this direction is increasing day by day.

When thinking of large cloud data and its processing by means of data analytics then this both is a area where the scope of research is a great aspect and need to be focussed. Analysing and processing of data in cloud in a smarter manner in smart cloud and analytics and applying its usage in information technology by smarter and efficient manner is the need of hour and this special issue focuses on this area of research.

This special issue of the International Journal of Grid and High Performance Computing (IJGHPC) contains six quality papers which are from direct call of papers from all over the globe. These papers cover and fulfils the need for stimulating critical debate on and research into theories, approaches, principles, applications and the implementation of cloud computing and analytics in information technology.

The six papers in this special issue cover a range of aspects of information technology, from case studies in inquiry-based science learning, to the didactical principles applied in information technology to enhance learning, as well as discussions on supporting students in developing countries and in indigenous education. Each of these papers has undergone full double-blind peer review, prior to being selected for this special issue.

May these contributions pave the way for the broad and open waters ahead with all the new developments and applications of cloud computing and analytics in information technology and learning, and break down the physical barriers imposed on us by space and time to create a special teaching and learning environment "Just for Us!"

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