Editorial

We present the first issue of the seventh volume of the Progress in Computer Applications with the below described research papers.

In the opening paper on Model of “International Megalesson” of Learning Programming in Schools of Russia and Kazakhstan” the authors Zhamilya Akkassynova, Nikolay Pak, Liubov Ivkina, Dmitry Romanov and Liudmila Khegay have addressed the difficulties in learning programming. The provided a model for ‘Megalesson’ which is derived from the joint participation of teachers, students of pedagogical higher education institutions, and IT business professional(s), with shared context created using videoconferencing tools and cloud services. The pedagogical experiment is initiated and the results are encouraging the proposed model.

Rama Satish and Kavya in the next paper on “A Framework for Big Data Pre-processing and Search Optimization Using Hmgaaco: A Hierarchical Optimization Approach” proposed a Hierarchical Manipulated Genetic Algorithm with Ant Colony Optimization (HMGA-ACO) in order to address several big data challenges. The proposed hierarchical optimization according to the authors can help to boost the speed of search, and the effort of search is reduced with the utilization of pre-processing.

In the last paper on “MCWDF - Micro-chunk based Web Delivery Framework” the authors Shailesh Shivakumar and Suresh proposed a framework Micro chunk based Web Delivery Framework which uses micro chunk. They have benchmarked the performance statistics against regular personalized web application to quantify the performance improvements achieved by micro chunk design.

The papers in this issue have provided different themes and approaches on the computing applications.

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