International Journal of Web Applications Volume 6 Number 2 June 2014

i

Contents

Editorial

Research	
Elitist-Multi-objective Differential Evolution for Multiple Question Paper Generation- Dimple V. Paul, Jyoti D. Pawar	43
Selection of Security Activities for Integration with Agile Methods after Combining their Agility and Effectiveness- Sonia, Archana Singhal	57
Use of Common-Word Order Syntactic Similarity Metric for Evaluating Syllabus Coverage of a Question Paper- Dimple V. Paul, Jyoti D. Pawar	68
Book Review	82
Conference Notification	83
Ninth International Conference on Digital Information Management (ICDIM 2014)	
 Fourth International Conference on Innovative Computing Technology 	
• First International Conference on Future Generation Information and Communication Technology (FGICT 2014)	
• Third International Conference on Future Generation Communication Technologies (FCGT 2014)	

Editorial

We present the following research papers in the current issue.

In the opening paper on **"Elitist-Multi-objective Differential Evolution for Multiple Question Paper Generation"** the authors *Dimple Paul* and *Jyoti Pawar* have presented an evolutionary approach that handles multi-constraints while generating question papers from a very large question bank. Experimental results as indicated by the authors generated the near-optimal or optimal question papers that satisfy the specified requirements.

In the paper on **"Selection of Security Activities for Integration with Agile Methods after Combining their Agility and Effectiveness"**, the authors *Sonia and Archana Singhal* have identified the security activities which are best to integrate with agile methods. They used a weighted decision theory called as Combining Effectiveness and Agility of Security Activity, which ensure effectiveness and agility degree of security activities.

In the last paper on **"Use of Common-Word Order Syntactic Similarity Metric for Evaluating Syllabus Coverage of a Question Paper"** the authors Dimple Paul and Jyoti Pawar have addressed the issue of measuring the syllabus coverage of an examination question paper by using the order based word-to-word syntactic similarity metric. They used the text pre-processing techniques to extract multiple words and its associated locations from textual contents in the question paper and also in the respective syllabus file.

Even this issue has just three papers, all of them proposed enhanced technique-based research.

Editors