

ISSN Print: 2074-9007, ISSN Online: 2074-9015
Volume 8, Number 2, February 2016

International Journal of

Information Technology and Computer Science

Vol.8

No.2 Feb. 2016

IJITCS **Vol.8**

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol.8 No.2 February 2016



Contents

REGULAR PAPERS

A Semi-Automatic and Low Cost Approach to Build Scalable Lemma-based Lexical Resources for Arabic Verbs <i>Noureddine Doumi, Ahmed Lehireche, Denis Maurel, Ahmed Abdelali</i>	1
Graph Models for Knowledge Representation and Reasoning for Contemporary and Emerging Needs – A Survey <i>Engels Rajangam, Chitra Annamalai</i>	14
The Development and Implementation of a Loan Classification Database System <i>Eludire A. A.</i>	23
A Morphological Analyzer for Reduplicated Manipuri Adjectives and Adverbs: Applying Compile-Replace <i>Ksh. Krishna B Singha, Kh. Dhiren Singha, Bipul Syam Purkaystha</i>	32
Inverse Matrix using Gauss Elimination Method by OpenMP <i>Madini O. Alassafi, Yousef S. Alsenani</i>	41
Evaluation of H- and G-indices of Scientific Authors using Modified K-Means Clustering Algorithm <i>S. Govinda Rao, A. Govardhan</i>	47
Prediction of Anti-Retroviral Drug Consumption for HIV Patient in Hospital Pharmacy using Data Mining Technique <i>Patrick D. Cerna, Thomas Jemal Abdulahi</i>	52
Implementation of MIMO and AMC Techniques in WiMAX Network based VANET System <i>Prabhakar D. Dorge, Sanjay S. Dorle, Megha B. Chakole</i>	60
Web Video Mining: Metadata Predictive Analysis using Classification Techniques <i>Siddu P. Algur, Prashant Bhat</i>	69
Experimental Analysis of Browser based Novel Anti-Phishing System Tool at Educational Level <i>Rajendra Gupta, Piyush Kumar Shukla</i>	78
