

ISSN 0974-3154

Volume 8

Number 1

Jan.-June 2015

**INTERNATIONAL JOURNAL  
OF  
ENGINEERING RESEARCH  
AND TECHNOLOGY**

Editor-in-Chief :  
Prof. Dr. Mohd. Misbahul Amin



Published by:

INTERNATIONAL RESEARCH PUBLICATION HOUSE

## Contents

- A Novel Method for Optimal Location of UPFC** 1-13  
*<sup>1</sup>Arul Ponnusamy and <sup>2</sup>Dr. Regarajan Narayanan*
- Turbo Codes: Analysis and Design** 15-25  
*Muhanned AL-Rawi<sup>1</sup> and Bassem G. Al-Saadi<sup>2</sup>*
- An Efficient Extreme Learning Machine (ELM) based Classification of Rice Crop Varieties Using Hyper-spectral Image Processing** 27-41  
*<sup>1</sup>B. Mahendra Kumar and <sup>2</sup>DR. Karthik.S*
- Application of Various Intelligent Algorithms to Solve Optimal Power Flow Problem in Power Systems** 43-52  
*<sup>1</sup>Arul Ponnusamy and <sup>2</sup>Dr. Regarajan Narayanan*
- Evaluation of weld defects Using Radial basis Network** 53-59  
*Dr.Lalithakumari.S*
- Real Time Delay Tolerant Feature Approximation Technique for DDOS attack Detection to Improve Network Performance** 61-75  
*V.ShyamalaDevi<sup>1</sup> and Dr. R. Umarani<sup>2</sup>*
- The Design Of Evolvable Hardware Systems On Reconfigurable Platforms\*** 77-88  
*M.V. Lyashov, A.N. Berezina and L.M.L. Blanco*
- Fluid Mechanical Disturbance Induced by Stent in Ideal Abdominal Aortic Geometrie** 89-102  
*Taewon Seo*