## International Journal of CIVIL ENGINEERING

Volume 8

Number 1

January-June 2016

## CONTENTS

| An Analytical Study of the Behaviour of Exterior<br>Beam-Column Joint Under Cyclic Loading   | 1-10    |
|--|---------|
| K. Ramadevi & S. Deepashri   |         |
| A Study on Identifying Hazard, Aspect & Risk in<br>the Activities Involved at Construction Site  | 11-28   |
| <ul> <li>5. Chockalingam &amp; T. Sornakumar</li> </ul>  |         |
| Predection of Rural Road Pavement Performance Using DCP  • S. Shankar, B. Ranjith Kumar Reddy,  DSNV Amar Kumar & C. S.R.K Prasad                                | 29-40   |
| Stress Strain Behaviour of Concrete Confined by<br>Prefabricated Cage System   | 41-54   |
| <ul> <li>R. Chithra &amp; R. Theumozhi</li> </ul>  |         |
| Towards A Seismic Hazard Assessment in Oman  * Khalifa S. Al-Jubri & Issa El-Hussain   | 55-77   |
| An Evaluation of Some of the Parameters Involved in<br>Producing Normal Weight Reactive Powder Concrete<br>• Mahesh K. Marohya, Anant Pargki &                   | 79-88   |
| Chetan D. Modhera  |         |
| Prediction of Oxygen Transfer Coefficient (K <sub>1</sub> a <sub>20</sub> ) for<br>Horizontal Shaft Aerator Using Neural Network<br>• Hedaco M. N. & Bhole A. G. | 89-105  |
| Land Price Model for Sholinganallur Town in<br>Chennai Metropolitan Area   | 107-120 |