**University of Nizwa**

**College of Engineering and Architecture**

**Research Publications**
**(2011-2012)**

| Published Journal Papers | | | |
|---|---|---|---|
| **Authors** | **Title** | **Journal** | **Date** |
| Farouq Twaiq, Mustafa Nasser, Siham Al-Hajri, Mansoor Al-Hasani | Adsorption Kinetics of Alcohols over MCM-41 Materials | International Journal of Engineering and Applied Sciences | 6 (2012) 308 – 312 |
| M.S. Nasser, F.A. Twaiq, S.A. Onaizi | An experimental study of the relationship between eroded flocs and cohesive beds in flocculated suspensions | Minerals Engineering | 30 (2012) 67–74 |
| Anwar Jarndal, Mohammed S. Al Salameh, Anwar Alsaqaf, Yousef Hulba | Wideband Modeling of Land-Mobile-Satellite Channel in Built-Up Environment | Journal of Electromagnetic Analysis and Applications | Vol.4 No.3, March 2012 |
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| Salam Al-Dawery and Haider Dakhil | Plant Wide Control of Acetylene Hydrogenation Process | Journal of Engineering Science & Technology (JESTEC)  School of Engineering, Taylor's University, Malaysia | 2012 |
| Jamaloddin Noorzaei, Parviz Moradi Pour, Mohamed Saleh Jaafar, Yong Chooi Fong & Waleed Abdul- Malik Thanoon | Numerical Simulation of Railway Track Supporting System Using Finite-Infinite and Thin Layer Elements Under Impulsive Loads | Journal of Civil Engineering and Management | Volume 18, Issue 2, 2012 |
| Swaroop R. and Hussein Abdulqader | Load Forecasting for Power System Planning and Operation Using Artificial Neural Network at Al Batinah Region Oman | Journal of Engineering Science & Technology (JESTEC)  School of Engineering, Taylor's University, Malaysia | 2011 |

| Atanu Bandyopadhyay Pradip Kumar Sadhu Nitai Pal Swaroop R. | Hybrid Resonant Inverter Fed Induction Heating Using Fuzzy Logic Based PWM | International Journal of Computer Applications in Engineering Sciences | Vol 1, Issue 3, 2011 |
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