



# AU JOURNAL OF TECHNOLOGY

Volume 10 Number 3

January 2007

## Contents

|                                                                                                                                             |      |
|---------------------------------------------------------------------------------------------------------------------------------------------|------|
| Editorial: Information Management Matters .....                                                                                             | (ii) |
| Enhancement of Digital Image by C Programming Language<br><i>Darun Kesrarat</i> .....                                                       | 145  |
| A Digital Electronic Ballot Counter Box<br><i>M.S. Ahmed and L.S. Lawal</i> .....                                                           | 151  |
| Refractory Properties of Termite Hills Under Varied Proportions of Additives<br><i>M.B. Ndaliman</i> .....                                  | 159  |
| Complete Wetting of Acrylic Solid Substrate with Silicone Oil at the Center<br>of the Substrate<br><i>Derrick O. Njobuenwu</i> .....        | 163  |
| Stress Corrosion Cracking Susceptibility of Medium Carbon Steel in Caustic<br>and Potash Media<br><i>A.S. Afolabi and J.O. Borode</i> ..... | 169  |
| Fruits and Vegetables Handling and Transportation in Nigeria<br><i>P.A. Idah, E.S.A. Ajisegiri and M.G. Yisa</i> .....                      | 175  |
| Modeling Fracture and Cracking Resistance of Palm Nuts (Dura Variety)<br><i>S.I. Manuwa</i> .....                                           | 184  |
| Cyclic Modular Destination Graphs in the Hypercube<br><i>Dobri Atanassov Batovski</i> .....                                                 | 191  |
| A Novel Surface Profile Measurement System<br><i>Nashtara Islam, Robert Parkin, Mike Jackson and Peter Mueller</i> .....                    | 203  |

0

0

8

Published by  
Assumption University (ABAC)  
Hua Mak, Bangkok, Thailand