

CONTENTS

|                                                                                                                                                                                                                                    |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>3D Model Based on Terrestrial Laser Scanning (TLS) Case study:<br/>The Cangkuang Temple, Garut District, West Java, Indonesia</b><br>Sadikin Hendriatiningsih, Deni Suwardhi & Januragadi                                       | <b>1</b>   |
| <b>The Maximum Amplitude Weighted Integrated Energy Spectra:<br/>A New Gauge in Seismic Thin-Bed Interpretation</b><br>Eko Widi Purnomo & Deva Prasad Ghosh                                                                        | <b>20</b>  |
| <b>A Novel Method for Vector Control of Three-Phase Induction Motor under<br/>Open-Phase Fault</b><br>Mohammad Jannati, Seyed Hesam Asgari, Nik Rumzi Nik Idris &<br>Mohd Junaidi Abdul Aziz                                       | <b>36</b>  |
| <b>Potential Risk Analysis of Tailings Dam under Preloading Condition<br/>and Its Countermeasures</b><br>Shuren Wang, Haiqing Zhang, Zhengsheng Zou, Ping Wang &<br>Tao Yu                                                         | <b>46</b>  |
| <b>An Overview of Soil Models for Earthquake Response Analysis</b><br>Halida Yunita, Hendriyawan & Dedi Apriadi                                                                                                                    | <b>57</b>  |
| <b>The Effect of Tin Addition to ZnO Nanosheet Thin Films for Ethanol and<br/>Isopropyl Alcohol Sensor Applications</b><br>Brian Yulianto, Sri Julia, Ni Luh Wulan Septiani, Muhammad<br>Iqbal, Muhammad F. Ramadhani & Nugraha    | <b>76</b>  |
| <b>Chemical Characterization of Flour Fractions from Five Yam<br/>(<i>Dioscorea alata</i>) Cultivars in Indonesia</b><br>Lula Nadia, M. Aman Wirakartakusumah, Nuri Andarwulan,<br>Eko Hari Purnomo, Takahiro Noda & Koji Ishiguro | <b>92</b>  |
| <b>Physiological Signals based Day-Dependence Analysis with Metric<br/>Multidimensional Scaling for Sentiment Classification in Wearable<br/>Sensors</b><br>Wei Wang, Xiaodan Huang, Jijun Zhao & Yanguang Shen                    | <b>104</b> |

ISSN: 2337-5779



Other Journal published by ITB Journal Publisher:  
Journal of Mathematical and Fundamental Sciences, Journal of ICT Research and Applications, Journal of Visual Art and Design

# Journal of Engineering and Technological Sciences

Journal of Engineering and Technological Sciences

Vol. 47, No. 1, January 2015



ITB Journal Publisher

