

WCSET 2017

6th World Conference on Applied Sciences, Engineering and Technology
26-27 August 2017, Universitas Muhammadiyah Ponorogo, INDONESIA

List of Selected Abstracts

1	Optimization of FRP Piles for Soil-Structure Interaction in Integral Abutment Bridges Amde M. Amde , Yaser Jaradat, Andreas Paraschos	Maryland USA	Keynote Speaker Full Paper Received
2	Evolution of Pop Art Pattern on Modern Ao Dai Pham Ho Mai Anh	Ho Chi Minh City VIETNAM	Not Registered
3	Recent Progress on Molecular Dynamics Simulations of Hydrocarbon Dissociation on Metal Surfaces Rizal Arifin	Ponorogo INDONESIA	Keynote Speaker
4	Influence of thiol capped Silver nanoparticles on Orientational Order Parameter of Liquid Crystalline material- Optical studies RKNR Manepalli , K. Sivaram, G. Giridhar, P. V. Dattaprasad, P. Pardhasaradhi, V.G.K.M.Pisipati	Andhra Pradesh INDIA	Keynote Speaker Not Registered
5	An experimental study on load-deflection behavior of model reinforced concrete pole Gurunaathan K. , Thirugnanam G. S.	Tamil Nadu INDIA	Not Registered
6	Effect of Wind Loading Pattern in Frame Analysis Md. Tariqul Islam , Gazi Md. Sharfaraz Imam Azad, Md. Samdani Azad , Syed Hazni Abd Gani	Mahidol THAILAND	Not Registered Full Paper Received
7	Solar PV and Biogas hybrid energy system for rural electrification J. Bhagwan Reddy , M. Rajender Reddy, D. Ramesh	Telangana INDIA	Not Registered
8	Influence of drilling parameters levels on torque during drilling of fiber-reinforced plastics Composites using response surface methodology N. S. Mohan	Karnataka INDIA	Not Registered Full Paper Received
9	Using Technology Readiness Index to Analyze Readiness of E-learning Implementation among Public and Private Schools Suryanto Nugroho	Surakarta INDONESIA	Not Registered

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10	Effect of Alkali Activators on Compressive Strength of Geopolymer Mortars with GGBS and Metakaolin B. Sarath Chandra Kumar, K. Ramesh	ERITREA AFRICA	Registered Full Paper Received
11	Assay and optimization of plant growth promoting phosphate solubilising ability of diazotrophic bacteria from rhizosphere of Eragrostis cynosuroides Chander Prabha, Sonali Kumari, Abha Singh, Sushma Kumari, Shilpi Kiran	Bihar INDIA	Registered Full Paper Received
12	Production optimization of thermostable α -amylase by Bacillus subtilis BK1 isolated from Rajgir hot spring, Bihar, India Abha Singh, Shilpi Kiran, Sushma Kumari, Chander Prabha, Sonali Kumari	Bihar INDIA	Registered Full Paper Received
13	Ranking the factors influencing Cloud ERP adoption in Indian Multi-national Companies using AHP approach Meghana H. L., Asish Oommen Mathew, Lewlyn L. R. Rodrigues	Karnataka INDIA	Not Registered
14	Cauchy's (two and three coefficient) model for the refractive indices of 7O.1 LC compound at different wavelengths P. Pardhasaradhi, R.K.N.R. Manepalli, B.T.P. Madhava, V.G.K.M. Pisipatia	Andhra Pradesh INDIA	Not Registered
15	Software Architecture Model for Sugarcane Life Cycle Management System Dashratharaj K Shetty, Manvijay Lather	Karnataka INDIA	Not Registered
16	Characterization and Phase Transition Identification of Schiff Base LC compounds with dispersed citrate capped gold nanoparticles using Image Processing based Gradient Method M. Tejaswi, R.K.N.R. Manepalli, P. Pardhasaradhi, BTP Madhav, VGKM Pisipati	Andhra Pradesh INDIA	Not Registered Full Paper Received
17	A Conceptual Framework on Energy and Environmentally Efficient Power Generating Scheme Nallapaneni Manoj Kumar	MALAYSIA	Not Registered
18	Seamless Operation of Photovoltaic Generation System in Connected to Grid/Remote Operation Sanjeev K. Nayak, Saima J.	Karnataka INDIA	Not Registered Full Paper Received
19	Comparison of Effect of Wind and Seismic Load on Building Shape Md. Rakib Hasan, Md. Ragib Nur Alam	Rajshahi BANGLADESH	Not Registered

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20	Site selection criteria for Geological CO ₂ Sequestration: A Case Study from CO ₂ -enhanced CBM recovery (CO ₂ -ECBM) in Indonesia Ferian Anggara, Kyuro Sasaki	Yogyakarta INDONESIA	Registered Full Paper Received
21	Spontaneous combustion of low rank coal; Measurement of the critical self-ignition temperature Kyuro Sasaki	Kyushu JAPAN	Keynote Speaker Not Registered
22	Land Use and Land Cover Classification for Tourist Landscape Analysis of Hyderabad City, Telangana, India Chitla N R Santhoshini, Riken Homma, Kazuhisa Iki	Kumamoto JAPAN	Not Registered
23	Simulation Tools for Techno-Economic-Life Cycle Modelling and Analysis of Solar Photovoltaic Systems Nallapaneni Manoj Kumar	MALAYSIA	Not Registered
24	Assessment of Biomedical Waste Management in KP Public Hospitals: An Ignored and Emergent Public Health Problem in Pakistan Muhammad Bilal Israr	Peshawar PAKISTAN	Not Registered
25	Data Management System for Research and Community Service Activities of Lecturers: Case Study at Universitas Muhammadiyah Ponorogo Ida Widaningrum	Ponorogo INDONESIA	Not Registered Full Paper Received
26	Performance of Double Wave Absorber Solar Water Heater Mustafa, Suryono AW, Sudarno	Madiun INDONESIA	Registered Full Paper Received
27	Development of the controllable sprinkle irrigation based on Raspberry Pi Taufik Ahsani, Angga Prasetyo, Adi Fajaryanto, Rizal Arifin	Ponorogo INDONESIA	Not Registered Full Paper Received
28	The Greenhouse Gas (GHG) Emission Problem On An Aggregates Production Stages of the Road Construction In Central Java Setiyo Daru C., Sobriyah, Ary Setyawan, Prabang Setyono	Surakarta INDONESIA	Registered Full Paper Received
29	Development of the Continuous Monitoring System for Measuring the Soil Surface CO ₂ Flux Salmawati, Kyuro Sasaki, Yuichi Sugai	Kyushu JAPAN	Not Registered

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30	Landslide Inventory along Highway Corridors using GIS Sandeep Panchal , Yogesh Kumar	Himachal Pradesh INDIA	Not Registered
31	The effect of adding one fin line to the reflector of heat radiation to the efficiency of LPG stoves Sudarno , Sudjito Soeparman, Slamet Wahyudi, Agung Sugeng Widodo	Ponorogo INDONESIA	Not Registered Full Paper Received
32	Usage Effect of Plywood Ash Addition In Concrete Mixture Rosyid Kholilur Rohman , Setiyo Daru Cahyono	Madiun INDONESIA	Registered Full Paper Received
33	Behavioral, Physical and Biochemical Responses Induced by Diclofenac Exposure from Cyprinus carpio Rekha Rao , Basavaraju Manu, Arun Kumar Thalla	Karnataka INDIA	Registered Full Paper Received
34	Wind Pressure Distribution on Tall Buildings- An Experimental Study Malini S. P., Chinmayi H. K.	Karnataka INDIA	Registered Full Paper Received
35	Static and Dynamic Analysis of Curved Box Girder Bridge Using Finite Element Method Anupam A. Bharti, Anurag Sharma , Md. Mohsin Khan, Sandeep Panchal	Himachal Pradesh INDIA	Not Registered
36	Utilization of Waste Potency of Old Coconut Agriculture, Young Coconut, Cocoa as Alternative Fuels Wahidin Nuriana , Suryono Adi Waluyo, Agus Suryanto, Mustafa Kamal	Madiun INDONESIA	Not Registered
37	Basic Research of Enhanced Coalbed Methane Recovery by Injecting Air Noritaka Shimatani , Yuichi Sugai, Kyuro Sasaki	Kyushu JAPAN	Registered
38	Measurement of the IFT between Oil and Water in which CO ₂ is dissolved Jumpei Tamai , Yuichi Sugai, Kyuro Sasaki	Kyushu JAPAN	Registered
39	Fabrication of Nanomaterials and their Potential Applications M. A. Shah	Jammu & Kashmir INDIA	Keynote Speaker Not Registered
40	Maceral effects on nitrogen, carbon dioxide and methane sorption by low rank coal, Bukit Assam Coalmine, Tanjung Enim South Sumatera, Indonesia Afikah Rahim , Kyuro Sasaki, Sugeng Sapto Surjono, Hendra Amijaya	Kyushu JAPAN	Not Registered
41	Behaviour and strength characteristics of steel Fiber RC wall panels under flexural and impact loading	Rajasthan	Not Registered

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	<i>Rajesh Gupta, Choudhary Sumit Mukund, Abhijeet Kishore</i>	INDIA	
42	Challenge of Dhaka Megacity and Pro-People Mass Transport System Md. Akter Mahmud	Jahangirnagar BANGLADESH	Not Registered
43	The Influence of Customer Knowledge Management (CKM) toward Customer Satisfaction in Asele Komputer Ponorogo Nurwanto, Arief Setyanto, Hanif Al Fatta	Ponorogo INDONESIA	Registered Full Paper Received
44	Treatment of Municipal Wastewater by using Locally available Materials as Coagulants Md. Niamul Bari, Anika Bushra, Md Mahmudul Hassan	Rajshahi BANGLADESH	Not Registered
45	Impact testing properties of plastic waste Polyethylene Terephalate (PET) with press machine Wawan Trisnadi Putra, Saiful Bahri Bin Muhamad, Muh Malyadi	Ponorogo INDONESIA	Not Registered
46	A Geographic Approach to demonstrate water-logging situation within Chittagong City of Bangladesh Uzzal Hossen	Chittagong BANGLADESH	Not Registered
47	Processing investigationship plastic types of HDPE become an alternative materials using the pyrolysis process Imam Syafi'i, Nuryosuwito, Supriyanto	Kediri INDONESIA	Registered Full Paper Received
48	Analysis of the influence of speed stirring composite aluminum alloy with stircasting process Moch Helmi Jauhari, Wahyono Suprpto, Teguh Dwi Widodo, Suprianto	Kediri INDONESIA	Registered Full Paper Received
49	Investigation of PET plastic waste processing to oil using pyrolysis process Nuryosuwito, Sudjito, Widya Wijayanti, Mega Nur S.	Kediri INDONESIA	Registered Full Paper Received
50	Modeling Radon Diffusion Equation with uncertainty using Interval Orthogonal Polynomials in Collocation Method S. Chakraverty, T. D. Rao	Odisha INDIA	Keynote Speaker Not Registered

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51	First Birth Interval: Some Recent Evidences from Rajasthan C. B. Gupta	Rajasthan INDIA	Keynote Speaker Not Registered
52	Early warning systems for landslides - a review Amitanshu Pattanaik	New Delhi INDIA	Keynote Speaker Not Registered
53	Development of materials through the saintific approach to improve mathematical creative thinking Luvy Sylviana Zanthu, Devi Nurul Yuspriyati	Cimahi INDONESIA	Not Registered Full Paper Received
54	Effect of steel fibre on shear - resistance of Defective Reinforce Concrete Beam Using with Polymer Cement Mortar Rahimullah Habibzai, Mitsuhiro Shigeishi	Khost University AFGHANISTAN	Not Registered Full Paper Received
55	A Mathematical Model for Catalytic Benzylation of m-Cresol with Benzyl Alcohol Md Ashrafal Alam, Md Sharuzzaman, Fariha Afrose, Sadia Afroz	Noakhali BANGLADESH	Not Registered
56	Tuning of ultrafast optical and electrical properties of graphene oxide through thermal annealing and infrared radiation for optoelectronic and photonics devices P K Datta, S. Bhattacharya, A. C. Das, R. Maiti, T. K. Sinha, A. Midya, S. K. Ray	West Bengal INDIA	Keynote Speaker Not Registered
57	Treatment of Styrene from Aqueous Solution by Coagulation/Flocculation Methods Arvind Kumar, Basheshwar Prasad	Uttarakhand INDIA	Not Registered Full Paper Received
58	Treatment of Phthalic Acid from Aqueous Medium by Electrocoagulation using Aluminum Electrodes: Optimization by Response Surface Methodology Vishal Kumar Sandhwar, Basheshwar Prasad	Uttarakhand INDIA	Not Registered Full Paper Received
59	Towards utilization of energy efficient ground source heat pump in tropical country Arif Widiatmojo	Fukushima JAPAN	Keynote Speaker Not Registered
60	Molecular Dynamics Study of The Melting Point of Cu and δ -Fe using Two-phase Method: Investigation on the Interatomic Potential Performance for Metal Brazing Process Munaji, Ghulam Asrofi Buntoro, Rizal Arifin	Ponorogo INDONESIA	Not Registered Full Paper Received

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61	Effect of Soil Stiffness on Seismic Response of Reinforced Concrete Buildings With Shear Walls Chinmayi H. K.	Karnataka INDIA	Keynote Speaker Registered
62	Solar Based Micro Hybridized Auto-Rickshaw & its Feasibility Analysis for Bangladesh Avijit Mallik, Md.Arman Arefin, Sujon Kumar Pal	Rajshahi BANGLADESH	Not Registered
63	DC-Bus Voltage Regulation and Power Compensation with Bi-directional Inverter in DC-Micro grid Applications M. Rajendar Reddy, J. Bhagwan Reddy, K. Ramulu	Telangana INDIA	Not Registered Full Paper Received
64	Study on Life Style Change in Rural Community by Renewable Energy Electrification: preliminary result in Sarawak, Malaysia Hideaki OHGAKI, Hooman Farzaneh, Nasrudin Abd Rahim, Che Hang Seng, Mohd Amran Mohd Radzi, Wallace ShungHui Wong, Lai Chean Hung	Kyoto JAPAN	Keynote Speaker Not Registered
65	A Prototype Information Systems of Elite English School Ponorogo Khoiru Nur Fitri, Indah Puji Astuti	Ponorogo INDONESIA	Not Registered Full Paper Received