

# EHSSS-2017

E-mail : [cs@earhm.org](mailto:cs@earhm.org)



- Home
- Join as Reviewer
- Reviewer's Committee
- Scientific Committee
- Proceedings
- Registration
- Paper Submission
- Gallery

Supported By:



EMINENT COMMITTEE MEMBERS



## March 2017 Singapore International Conferences

EHSSS-17, LEBCSR-17, AET-17, RICEME-17, SACCEE-17, RCABS-17, ACBEE-17, ICECME-17, CAEWM-17

Editors:

Assoc. Prof. Dr. Anastasia Logotheti  
Prof. Dr. G. Anjan Babu  
Prof. Deokseok Seo

ISBN 978-81-933894-0-9











Dr. Tosaporn Mahamud









ISBN 978-81-933894-0-9

<https://doi.org/10.17758/EAP>.









Sr.No.	Paper Title & Author(s)	Page No.
1	Knowledge Management of Community Enterprise in Northeast Thailand <i>W. Wongadisai and S. Chanchalor</i>	1
2	Knowledge Management of Community Enterprise in Northeast Thailand <i>W. Wongadisai and S. Chanchalor</i>	1
3	The Study of Status and Needs for Instructional Media of Blind Students from Upper Elementary School in Thailand <i>N. Junthong, S. Netpradit, and S. Boonlue</i>	5
4	Impact of Teachers Capacity Building on Students Academic Achievement in Secondary Schools: A Partial Least Square (PLS-SEM) Approach <i>Yusuf Suleiman, Zalyah Bt Hanafi, Muhajir Bin Taslikhan, Olowoselu Rasheed</i>	10
5	Evaluating the Authority, Educating Youngsters: Reconstructing 'Goa Mampu', an Indonesian Folktale <i>Clara Evi Citraningtyas</i>	17
	Developing Cognitive Competencies in a Blended Learning Environment in Higher Education	









5	Evaluating the Authority, Educating Youngsters: Reconstructing 'Goa Mampu', an Indonesian Folktale  <i>Clara Evi Citraningtyas</i>	17
6	Developing Cognitive Competencies in a Blended Learning Environment in Higher Education  <i>Sharifa Alenezi, and Dr. Ahmed Nouby</i>	22
7	Evaluation of Training on Leaders  <i>Iranita Hervi Mahardayani, and Dhini Rana Dhania</i>	28
8	Nexus Between Government Expenditure And Economic Growth In The Indian Economy  <i>Cledwyn Fernandez</i>	31
9	Learning Method by Wayang Palembang in School with the Goals Student Active Learning Innovative Creative Effective Happy and Weighted/Paikem Gembrot  <i>Tajar Andika, Septia Milanda</i>	35
10	The Influence of Workplace Culture on Women Discrimination at the Workplace  <i>H. Siti Aishah, and A. M. Mahazan</i>	39
11	Las Piñas Historical Corridor: The Heritage and Landmarks of the National Capital Region, Philippines  <i>Cecilia B. Tangian</i>	45
12	Innovative Assessment for Collaborative Learning: The Antithetical Rubrics  <i>Ryuji Ishikawa and Minako Yogi</i>	49









13	The Effectiveness of Problem-Based Learning Materials in Improving Students' Mathematical Critical Thinking Skills: A Study in Calculus Course <i>Zetriuslita, Rezi Ariawan</i>	52
14	The Effect of Self-Efficacy and Self-Monitoring Level on the Impression Management Tactics which are used via Social Networking Websites: A Research in the Banking Sector <i>Hale Cide Demir, Uğur Yozgat</i>	55
15	Why do we buy from Malls? A Typology of young Indian adults based on Shopping Motivation <i>Dr. Sarbjit Singh, Dr. Amit Kumar Lal, Sukhwinder Kaur, Taranjit Kaur</i>	61
16	Corporate Social Responsibility (CSR) to Manage the Pedagang Kaki Lima (PKL) or Street Vendors and Public Spaces in DKI Jakarta Area <i>Niluh Widyaningsih</i>	67
17	A Study on the Computerization Construction Ability by a Special-purpose area <i>Sun-Woo Park, Young-Chan You, Chang-Hwan Park</i>	71
18	An Experimental Investigation and Exergy Analysis of Compression Ignition Engine Operated Cooker <i>Rahul Goyal, Dheeraj Kishor Johar, Pradeep K Gupta, Dilip Sharma, S.L.Soni</i>	77
19	Investigation of the COBIT Framework for Universities Information System <i>Fatih Ozyurt, Mustafa Ulas</i>	83
20	Representation Method of Snow Splitting and Sliding on a Roof <i>Nobuhiko Mukai, Yusuke Eto, and Youngha Chang</i>	89

21	<p>Capacitated Dynamic Lot-sizing for Remanufacturing Systems with Parallel Reprocessing Workstations </p> <p><i>Young-Hye Cho, Hyoung-Ho Doh and Dong-Ho Lee</i></p>	93
22	<p>Analysis of Process Factors for Material Removal Rate in MR Fluid Polishing Using Design of Experiment </p> <p><i>Byung-Chan Kim, Myeong-Woo Cho, Ki-Hyeok Song, Ki-Beom Kim</i></p>	98
23	<p>Effect of Zirconia Addition on Strengthening Ability of Titanium Alloys Prepared by Powder Metallurgy </p> <p><i>N. Vorapattanapaibul, K. Kondoh and A. Khantachavana</i></p>	104
24	<p>Ergonomic Risk Assessment of Workers in Manufacturing Industry using 108 Posture Analysis Tools </p> <p><i>Arvind Bhardwaj, Manish Dev, Sarbjit Singh and Rahul S Mor</i></p>	108
25	<p>An Adaptive Integral Terminal Sliding Mode Control Method for a Chaotic Rod-type Plasma Torch System </p> <p><i>Safa Khari, Behrooz Rezaie, Zahra Rahmani</i></p>	112
26	<p>Nonlinear Model Predictive Control based on Neural Network Model for Controlling CSTR System </p> <p><i>Daryoosh Mansouri, Behrooz Rezaie</i></p>	119
27	<p>Designing a Neural-Network-based Sliding Mode Control with Extended Kalman Filter for Nonlinear Chaotic Systems </p> <p><i>Babak Ranjbar, Behrooz Rezaie</i></p>	124
28	<p>Solving the Lane Selection Problem in Multi-Period Transportation Auctions </p>	130












28	Solving the Lane Selection Problem in Multi-Period Transportation Auctions <i>Chefi Triki, Syedmehti Mirmohammadsadeghi, Sujan Piya</i>	 Fill	130
29	The Effect of Different Gas Pressures and Quorum Quenching Method on the Performance of Membrane Aerated Biofilm Reactor (MABR) <i>Banu Tasikan, and Halil Hasar</i>	 Fill	134
30	Assessment of Nanoscale Ni/Fe Bimetallic Particle for Removal of Tetracyclines <i>Sibel ASLAN, Hande TÜRK, Özge HANAY</i>	 Fill	137
31	Effects of Nitrogen Sources on the Production of Exo-pectinase <i>Ozlem TEPE, and Arzu Y. DURSUN</i>	 Fill	142
32	Precast Technology Application Factors To Building Construction Project Implementation Performance In Banda Aceh <i>Hafidat A. Rani</i>	 Fill	145
33	A Modified Nonlinear Grey Bernoulli Model Used for Water Consumption Prediction <i>WANG Yi-lu, YUAN Yan-bing, YUAN Xiao-lin, ZHANG Miao</i>	 Fill	151
34	High Resolution Technology of Shuttle Radar Topography Mission for Geoid Model <i>Tang K.M., Zulkarnaini M.A., and Ani Hassan M.D.</i>	 Fill	157
35	Post Earthquake Structural House Strengthening Using Appropriate Strategies; A Study of Sai Khao, Amphoe Phan at Chiang Rai <i>Chattaporn Mahasiriphan, Susit Chalprakaiheow, Suttisak Soralump</i>	 Fill	161

36	Temperature Influencing on Carbon and Nitrogen Ratio in Mangrove Soil <i>K. Swangjang, and W. Bunprasert</i>		166
37	Efficiency of Mitigation and Monitoring in Environmental Impact Assessment <i>K. Swangjang and S. Cunkhett</i>		170
38	Production of Cellulolytic Enzyme and Glucose from Paper Sludge by <i>Geobacillus kaustophilus</i> C1 <i>V. Phakeemya, K. Ratanakhanokchai, R. Waeonukul, P. Pason and C. Tachaapikoon</i>		174
39	Health Values of Cassava Compared To Wheat and Yam: A Critical Review of Carbohydrate/Fibre and Fat/Fibre Ratios <i>Bonaventure C. Onodu, Richard J. Culas, and Ezekiel. U. Nwose</i>		180
40	Microbial Degradation of Benzene by Mixed Cultures <i>Dhyva Baskaran and Ravi Rajamanickam</i>		183
41	Ethylene Production from Ethanol Dehydration over Zeolite Y under Mild Conditions <i>Jiah Chee Soh, Soo Ling Chong and Chin Kui Cheng</i>		189
42	Catalytic Performance of H3PO4-Modified Cerium Oxide as Catalyst for Ethylene Production from Ethanol Dehydration <i>SooLing Chong, JiahChee Soh and ChinKui Cheng</i>		193
43	Estimating Emission Factors Of Fifteen Categories Of Meats From Thai-Style Barbeque Activities <i>Saranya Manatsakarn and Nares Chuersuwat</i>		199

45	A Low Cost Tube-type Passive Sampler for Ambient BTEX Monitoring in Urban Settings, Thailand  <i>Anchalee Katramee and Nares Chuersuwan</i>	208
46	Synthesis and Temperature-Responsive Behavior of N-vinylcaprolactam- grafted Natural Rubber  <i>Sopitcha Phetrong , Chanon Samsuk and Peerasak Paoprasert</i>	212
47	Preparation and Characterization of Deproteinized Natural Rubber Grafted with 4-Vinylpyridine as pH responsive materials  <i>Chanon Samsuk , Sopitcha Phetrong , and Peerasak Paoprasert</i>	217
48	Functional Attributes of Lactic Acid Bacteria Isolates in Conjunction with Most Wanted Probiotic Properties  <i>Deepali Bhagat, Parvez Singh Slathia, Neelu Raina and Preeti Sharma</i>	222
49	New Correlations for Friction Factor and Nusselt number Prediction for Laminar Flow in a Circular Duct having Only Spiral Corrugations & Only Twisted Tapes with Oblique Teeth  <i>Sujoy Kumar Saha</i>	228
50	Dispersion Modelling of Air Pollutants of Coal Based Thermal Power Station  <i>Nitin Goyal and Anil Dutt Vyas</i>	233
51	Optimization of Process Parameters in Abrasive Water Jet Drilling of D2 Steel to Produce Minimum Surface Roughness Using Taguchi Approach  <i>Deepak D, Anjiah D, Savan Shetty</i>	236
52	Thermo-Structural Analysis of Disc Brake for Maximum Heat Dissipation 	240



← → ↻ Not secure   earhm.org/conf-proceedingspdf.php?id=48&slug=EHS55-2017&sid=&catDid=		🏠 ☆ ⚙️ ⬇️ 🗄️ 👤 ⋮	
52	Thermo-Structural Analysis of Disc Brake for Maximum Heat Dissipation <i>Amar Ambekar, Amit Bharti, Shashank Shekhar, Amishrup Biswas</i>	 Fill	240
53	Numerical Analysis on the Influence of a Novel Semi-D shaped Turbulator on Heat Transfer Enhancement of Solar Air Heater <i>Manjunath M.S, K. Vasudeva Karanth and N. Yagnesh Sharma</i>	 Fill	245
54	Performance Evaluation of Machine Tap for tapping Al6061-T6 Aluminium Alloy <i>Narayanan S, Nagaraja, Raviraja Adhikari</i>	 Fill	250
55	Fat Content, Color, and Texture Features for Fresh Meat Evaluation from Digital Image <i>Sigit Widnyanto, Yuli Karyanti, Dini Tri Wardani, and Yulia Charli</i>	 Fill	255
56	The Calculation Techniques of Non-Matrix Representation Flexible Joint Stiffness to Improve the Accuracy of Beam Element FEA <i>Jakkree Wichairahad, Sirintra Tan-Intara-Art and Wiparat Nisapai</i>	 Fill	260
57	A Detailed Investigation on Performance Analysis of Self-Excited Induction Generato <i>Sunil Kumar Goyal, D.K. Palwalia</i>	 Fill	265
58	Study of Sustainability Practices Ingrained in Indian Culture <i>Shraddha Mahore Manjrekar</i>	 Fill	270
59	Important Medicinal Plant Families and Plant Based Drugs: A Review <i>Jayarama Reddy</i>	 Fill	277
60	Batch and Fixed Bed Column Studies on Cadmium (II) and Lead (II) Adsorption from	 Fill	284