

Publication
Of
Civil Engineering Department

PUBLICATION OF CIVIL ENGINEERING DEPARTMENT

SL NO	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/International	Journal Impact No./SCI Index/ISBN No/ISSN No
1	Chowdhury, R., Khan, J., Sengupta, S., Dasgupta, S., Datta, S., De, M.	Dynamic referencing data warehouse employing proposed time integrated seed based element engendered cryptographic algorithm	ACM International Conference Proceeding Series	Conference Paper	International	10.1145/2909067.2909094
2	Pal, B., Chowdhury, R., Verma, K.G., Dasgupta, S., Dutta, S.	Proposed BRKSS architecture for performance enhancement of data warehouse employing shared nothing clustering	International Journal of Control Theory and Applications	Article	International	
3	Chowdhury, R., Chatterjee, P., Datta, S., De, M.	Pseudo mesh schema based data warehouse architecture employing encryption request algorithm and intelligent sensor algorithm for secured transmission and performance enhancement	Foundations and Frontiers in Computer, Communication and Electrical Engineering - Proceedings	Conference Paper	International	
4	Ghosh, J.G., Paul, M.	A symmetric key cryptographic technique based on frame rotation of an even ordered square matrix	Advances in Intelligent Systems and Computing	Conference Paper	International	10.1007/978-81-322-2250-7_31
5	Paul, M., Mandal, J.K.	A cryptography scheme through cascaded session based symmetric keys for ubiquitous computing	Advances in Intelligent Systems and Computing	Conference Paper	International	10.1007/978-3-319-13728-5_59
6	Paul, M.	Modified PCT on variable cipher block chaining mode	Advances in Intelligent Systems and Computing	Conference Paper	International	10.1007/978-81-322-2247-7_47

7	Chowdhury, R., Datta, S., Dey, S.K., Shaw, S.	Design and implementation of Proposed Drawer Model Based Data Warehouse Architecture incorporating DNA Translation cryptographic algorithm for security enhancement	Proceedings of 2014 International Conference on Contemporary Computing and Informatics, IC3I 2014	Conference Paper	International	10.1109/I C3I.2014. 7019812
8	Som, S., Banerjee, M.	Cryptographic technique by square matrix and single point crossover on binary field	2013 1st International Conference on Communications, Signal Processing and Their Applications, ICCSA 2013	Conference Paper	International	10.1109/I CCSPA.20 13.64872 57
9	Chowdhury, R., Bose, R., Sengupta, N., De, M.	Logarithmic Formula Generated Seed Based Cryptographic Technique using proposed Alphanumeric Number System and Rubik Rotation Algorithm	Proceedings of the 2012 International Conference on Communications, Devices and Intelligent Systems, CODIS 2012	Conference Paper	International	10.1109/ CODIS.20 12.64222 65
10	Chowdhury, R., Ghosh, S., De, M.	String graphification based asymmetric key cryptographic algorithm using proposed concepts of GDC and S-loop matrix	2012 International Conference on Informatics, Electronics and Vision, ICIEV 2012	Conference Paper		10.1109/I CIEV.201 2.631748 3

11	Som, S., Mitra, D., Haldar, J.	Session key based manipulated iteration encryption technique (SKBMIET)	Proceedings - 2008 International Conference on Advanced Computer Theory and Engineering, ICACTE 2008	Conference Paper	International	10.1109/I CACTE.20 08.179
12	Chowdhury, R., Neogi, B., Das, Z., Chatterjee, P., Ghosh, S.	Advancement and up gradation aspects en route for enhancement of rubber plant industry performance by introducing scholastic support through the proposed CDGN Model	Proceedings of 2014 1st International Conference on Non Conventional Energy: Search for Clean and Safe Energy, ICONCE 2014	Conference Paper	International	10.1109/I CONCE.2 014.6808 736
13	Mustafa, S., Matsumoto, Y., Yamaguchi, H.	An energy-based damping evaluation for the local damage detection of an existing steel truss bridge	SHMII 2017 - 8th International Conference on Structural Health Monitoring of Intelligent Infrastructure, Proceedings	Conference Paper	International	

LIST OF PAPERS PUBLISHED in 2017

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	Samim Mustafa and Y Matsumoto	Bayesian model updating and its limitations for detecting local damage of an existing truss bridge	March, 2017 DOI: 10.1061/(ASCE)BE.1943-5592.0001044	Journal Of Bridge Engineering (ASCE)	International	
2	Samim Mustafa, Y Matsumoto and H Yamaguchi	Vibration-based health monitoring of an existing truss bridge using energy-based damping evaluation	March, 2017	Journal of Bridge Engineering (ASCE)	International	

LIST OF PAPERS PUBLISHED in 2016

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/ International	Journal Impact No./SCI Index/ISBN No/ISSN No.
1	Samim Mustafa and Y Matsumoto	An energy-based damping evaluation for interpretation of damping increase due to damage in an existing steel truss bridge	Vol. CS2, No. 005, September, 2016	Conference In proceeding of 18 th International summer symposium of JSCE, Japan	International	

LIST OF PAPERS PUBLISHED in 2015

Sl	Author (Including Co-author)	Title of the Paper	Detail of Paper (including Vol., Issue, Pg. No. Year)	Nature of Paper (Journal/Conference/Book Chapter)	National/International	Journal Impact No./SCI Index/ISBN No./ISSN No.
1	S.Chandra, S. Das (nee Pal), A. G. Niyogi	Vibro Acoustic Analysis In Rectangular Cabin Structure Made of Angle Ply Laminates	Feb. 18-20, 2015	Conference	International Conference on Vibration Problem (ICOVP-2015)	
2	P D Sarkar, P K Roy	Study of impact on developed groundwater system around flow fields by using numerical approach in Purulia District	2015, 7(1):298-306	Journal of Chemical and Pharmaceutical Research	International	
3	Samim Mustafa, N Debnath and Anjan Dutta	Bayesian probabilistic approach for model updating and damage detection for a large truss bridge	Vol. 15, No. 2, pp. 473-485, June, 2015	International Journal of steel structures, Springer	International	
4	Samim Mustafa, AJ Dammika, Y Matsumoto et al.	A Bayesian probabilistic approach for finite element model updating utilizing vibration data measured in an existing steel truss bridge	Vol. RS3, pp. 114-123, July, 2015	In proceeding of structural health monitoring of intelligent infrastructure, Torino, Italy	International	
5	Samim Mustafa and Y Matsumoto	Model updating of a steel truss bridge using Bayesian probabilistic approach	Vol. CS2, No. 003, pp. 5-6, September, 2015	In proceeding of 17 th International summer symposium of JSCE, Okayama Japan	International	

LIST OF PAPERS PUBLISHED in 2014

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1	Mr. Saptarshi Nandi	Elasto-Plastic Analysis in Soil And Cam-Clay Model		Proceedings of Indian Geotechnical Society, Kolkata Chapter Geotechnique today, Modeling & Construction-2014	National	
2	P.K. Bhuyan, Suprabeet Datta	Which Method is Appropriate- INAFOGA or PROBABILITY EQUILIBRIUM for Critical Gap Estimation of U-turn Vehicles at Median Openings In Urban Indian Context?	2015, 3(1):459-465	International Journal of Transport, Highways and Railways Engineering (IJTHRE)	International	
3	S. Banerjee, S. Ghosh, A. Shiuly, R. Das	Seismic Hazard Analysis and Determination of Site Specific Ground Motion Parameter of Tollygunge Region, Kolkata	December 11-13, 2014	Proceedings of Symposium on Earthquake Engineering, IIT, Roorkee	International	
4	S K. Paul, S Chaudhury, S V. Barai	Chloride diffusion study in different types of concrete using finite element method (FEM)	Vol-2(1), 39-56	Advances in Concrete Construction, 2014	International	
5	P.K.Bhuyan, Suprabeet Datta	Estimation of Critical Gap for U-turning Vehicles at Median Openings Under Mixed Traffic Conditions	2014, 3(1s): 133-141	INROADS-An International Journal of Jaipur National University	International	

LIST OF PAPERS PUBLISHED in 2013

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1	Samim Mustafa and Anjan Dutta	Bayesian probabilistic approach for model updating and damage detection	Vol. 119, August 2013	In proceeding of Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics, Austria	International	