

Papers Published (2018 - 2019)

April 2018	
1.	Paper Titled "IPv6 readiness for CWPRS Network-A steps towards Migration from IPv4 to IPv6" by P.S. Solanki, P.R. Khatarkar published in "International Journal of Computer Science and Network (IJCSN)" Vol.7,Is.02,PP:54-56,IJCSN-2018-7-2-107.
2.	Paper Titled "Application of Cloud Computing in Libraries" by Sarvesh Kumar Yadhav published in " Information Communication in Digital Era Present Scenario & Future Perspectives" PP:151-160.
3.	Paper Titled "Performance Evaluation of Adaptive Signal processing techniques in Reservoir Bathymetry Data in IJCA Journal" by M. Selva Balan, Dr. CRS Kumar published in "International Journal of Computer Applications".
4.	Paper Titled "Revival of dam instrumentation (TTP) of Ukai Dam, Gujarat" by P.D. Kamalasekaran, J.K. Singh, M.S. Bist, Ajay Sonawane published in " ISH Journal of Hydraulic Engineering".
5.	Paper Titled "Role of ATG system in the flood protection study of Surat City carried out at the physical hydraulic model at GERI" by M.S. Bist, M. Selva Balan, J.K. Singh, S. Dhayalan published in "ISH Journal of Hydraulic Engineering".
6.	Paper Titled "Movement of water flux through unsaturated zones: a transient impact on In-Situ Potential field" by Dr. Rolland Andrade, D. Muralidharan, R. Rangarajan published in " Current Science Journal".
May 2018- NIL	
June 2018	
7.	Dr. Gadge P.P., Jyotiprakash V., Dr. (Mrs) V.V. Bhosekar, "Hydraulic investigation and Design of roof profile of an orifice spillway using experimental and numerical models", Journal of Applied Water Engineering and Research, IAHR, 6(2), 85-94.
8.	Dr. Gadge P.P., Jyotiprakash V., Dr. (Mrs) V.V. Bhosekar, "Hydraulic design considerations for orifice spillways", ISH Journal of Hydraulic Engineering, 10.1080 / 09715010.2018.1423579.
9.	Dr. V. M. Prabhakar, Ashwini R Patil, Kishor Kumar Swain, Balaji B Mane, Mayur S, Nerkar, Puja C Kharat, "Assesment of Water Quality Index of Indrayani River, Alandi , Pune, Maharashtra", International Journal Of Science Engineering and Technology Research, vol 7, ISS 6, pp 398-402, ISSN; 2278-7798.
July 2018	
10.	Shri. B. Gopikrishna, M.C. Deo, "Change in Shoreline at Paradip Port, India in response to climate change", International Journal of Geomorphology, 303-255(2018) Doi.org/10.1016 / j.geomorph. 2017.
11.	Shri. B Gopikrishna, M.C. Deo, "Sediment transport and shoreline shifts in response to climate change at the tidal inlets of Chilka India, Journal of Engineering for the Maritime Environment, Doi.org/10.1177/1475090217748755
August 2018	
12.	Dr R. Manivanan, "Estimation of green house gases (GHGs) in fresh water reservoirs with possible impact on climate change" , International Conference on Impact of Climate change on Water Resources, August 2018.
September 2018.	
13.	A.Basu, A.A.Purohit, K.A. Chavan, " A potential measure to reduce siltation in a macro tide dominated partially enclosed dock: A case study", 6 th INCHOE Conference, September 2018.
14.	Dr. Prabhat Chandra, V.B. Sharma, "Validation of model results with prototype for sedimentation approach channel at Mormugao Port, Goa" 6 th INCHOE Conference September, 2018.
15.	A.V. Mahalingaiah, V.B. Sharma, Dr. Prabhat Chandra, " Stability of tidal inlet for development of fishing harbour at Alvekodi, Karnataka, India, 6 th INCHOE Conference September, 2018.

16.	S. Madabhavi, N. Deshpande, S. Ambavane, A.A. Purohit, "Development of Mega container terminal- A ,classical boost towards container trade of country", 6 th INCHOE Conference September, 2018
17.	V.G. Gharat, S. Madabhavi, A.A. Purohit "Development of container terminal at the confluence of Elephanta Deep and Nava creek-A challenging task" 6 th INCHOE Conference September, 2018.
18.	K.B. Bobade, S.G. Manjunatha, V.N. Katte, "Hydraulic model studies for the development of proposed western dock at Paradip Port, Odhisa, India" 6 th INCHOE Conference September, 2018.
19.	Jamir S. Bagwan, Prabhakar Chary, H.B.Jagdeesh, T.Nagendra "Development of shallow basin random wave model for kamarajar port-A case study" 6 th INCHOE Conference September, 2018.
20.	A.A. Purohit, S.P.Jagtap, "Design wave consideration for the development of small craft harbours Of marine under Indian scenario " , 6 th INCHOE Conference September, 2018.
21.	A.S. Chalawadi, H.B.Jagdeesh, T. Nagendra, "Hydraulic physical model studies for the wave tranquility and direction spread for deep draft multipurpose berth at new Mangalore port-A case study" 6 th INCHOE Conference September, 2018.
22.	R.K. Chuadhari, Santosh Kori, Dr. Prabhat Chandra, "Importance of the wave tranquility studies for evolving a fishing harbour layout" 6 th INCHOE Conference September, 2018.
23.	Neethu Mathew, Sagar Chanda, Dr. J.D. Agrawal, "Wave transformation along long navigational channel", 6 th INCHOE Conference September, 2018.
24.	H.C.Patil, Sagar Chanda, Dr. J.D. Agrawal, T.Nagendra, "Determination of wave propagation in harbour basin using mathematical model technique", 6 th INCHOE Conference September, 2018.
25.	R.K.Chuadhari, Dr. Prabhat Chandra, "Optimization of approach channel width for 125000 DWT LNG carrier", 6 th INCHOE Conference September, 2018.
26.	Amol Borkar, Dr. Prabhat Chandra, "Numerical wave modelling for development of port-A case study" 6 th INCHOE Conference September, 2018.
27.	A.B.Pardeshi, Dr. Prabhat Chandra, Wave simulation to assess adequacy of water transport terminal - A case study", 6 th INCHOE Conference September, 2018.
28.	B.L.Meena, Dr.J.D.Agrawal, "Simulation of offshore wave data and inshore wave data using ANN" 6 th INCHOE Conference September, 2018.
29.	V.D. Kokane, V.K. Shukla, Dr. J.D. Agrawal, T. Nagendra, "Disposal of dredged material at neil island in A&N island using Mike 21 model" 6 th INCHOE Conference September, 2018.
30.	Apurva M .Kudale, V.S. Sohoni, B.M. Patil, A.V. Mahalingaiah, "Siltation problem at entrances of fishing harbours located in inlets-A Review" 6 th INCHOE Conference September, 2018.
31.	V.K. Shukla, V.D. Kokane, Dr. J.D. Agrawal, T. Nagendra, Physical model studies for establishing a ship repair facility in mattancherry channel at Cochin Port, Kochi", 6 th INCHOE Conference September, 2018.
32.	Mandar Vaidya, Anil Purohit, Kanak Karambelkar, "Optimization of the alignment of navigational channel in shallow coastal waters by FEM", 6 th INCHOE Conference September, 2018.
33.	Mrs. M.V. Chhatre, Mrs. J.S. Edlabadkar, Dr.(Mrs) Tanushree Samanta, "Geotechnical stability and settlement analysis for breakwaters at karwar port-A case study" 6 th INCHOE Conference September, 2018.
34.	Mrs. Vaibhavi Roy, S.N. Jha, B.M. Patil, J. Sinha, "Impact of coastal structures on shoreline along west coast of India", 6 th INCHOE Conference September, 2018.
35.	A.V. Mahalingaiah, N.V. Gokhale, N.S Ganesh , Dr. Prabhat Chandra, "Studies for restoration of damaged breakwater at outer harbour at Vishakhapatnam Port, India" 6 th INCHOE Conference September, 2018.
36.	M.D. Kudale, A.V.Mahalingaiah, B.R.Tayade, "Rubble mound breakwaters- Indian Scenario" 6 th INCHOE Conference September, 2018.

37.	B.R.Tayade, Dr. J.D.Agrawal, "Coastal protection measures for gas pipelines-An Indirect Approach", 6 th INCHOE Conference September, 2018
38.	A.K. Singh, M. Karathikeyan, L.R. Ranganath, "Numerical modelling of tidal hydrodynamics and sedimentation for the marina facility at Mandwa, India", 6 th INCHOE Conference September, 2018.
39.	Parag A Kashyape, H.B. Jadeesh, T. Nagendra, "Simulation of tides in 3-D hydraulic physical multipurpose model" 6 th INCHOE Conference September, 2018
40.	Shradhha Agawane, A.K. Singh, L.R. Ranganath, S.N. Londhe, "Impact of coastal structure on hydrodynamic and sedimentation in the vicinity of port", 6 th INCHOE Conference September, 2018.
41.	Dr. R. Manivanan, Dr. J.D. Agrawal, T. Nagendra, " Simulation of Littoral drift and bed level changes in Chennai Region, Tamilnadu", 6 th INCHOE Conference September, 2018.
42.	Rupesh Kumar, Kiran Barve, "Assessment of wave energy potential using 3-years offshore wind & wave data near Ratnagiri, Maharashtra", 6 th INCHOE Conference September, 2018.
43.	Payal Chakote, A.K. Singh, L.R. Ranganath, P.R. Dixit, "Mathematical model studies for determining outfall location of hot water discharge from power plant", 6 th INCHOE Conference September, 2018.
44.	K.H. Barve, Komal S. Vighe, L.R. Ranganath, "Mathematical model studies of wave induced process for the development of a small harbour in an inlet on the coast of India", 6 th INCHOE Conference September, 2018.
45.	Sagar Chanda, Dr. J.D. Agrawal, H.C. Patil, "Assessment of near shore wave climate using mathematical model-A case study", 6 th INCHOE Conference September, 2018.
46.	Vivek Dulal, L.R. Ranganath, A.K. Singh, P.S. Kulkarni, "Modelling of coastal sedimentation in gulf of Kouch, Gujarat, India", 6 th INCHOE Conference September, 2018.
47.	V.B. Sharma, R.S. Chaudhari, Dr. Prabhat Chandra, " Significance of wave and current direction for development of port layout", 6 th INCHOE Conference September, 2018.
48.	Akhilesh Singh, Naval Jagtap, "Stabilization of estuaries mouth based on hydrodynamic behaviour and sedimentation pattern", 6 th INCHOE Conference September, 2018.
49.	Jiweshwar Sinha, Mrs. Shivani Sahu, Anil Bagwan, Mrs. Vaibhavi Roy, "Numerical modelling of suspended sediment transport for restoration of a tidal creek in west coast of India" 6 th INCHOE Conference September, 2018.
50.	A.V. Mahalingaiah, N.V. Gokhale, N.S. Ganesh, Dr. Prabhat Chandra, "Design of coastal protection measures for vertical cliff erosion with cavity formation", 6 th INCHOE Conference September, 2018.
51.	L.R. Ranganath, A.V. Sriram, M Karthikeyan, "Numerical modelling of sedimentation pattern along Karnataka cost" 6 th INCHOE Conference September, 2018.
October, 2018	
52.	G.Dhanunjaya Naidu, S. Selvan, G.R. Tripathy, L.R. Pattanur, "Probabilistic Seismic Hazard Analysis for Jabalpur area, Madhya Pradesh", Journal of Indian Geophysical Union (JIGU) October, 2018.
53.	P.S. Solanki, P.R. Khatarkar, Snehal V. Chaskar, "Cloud computing Technology for Efficient Water Resource Management: a Literature survey", International Journal of Computer Sciences and Engineering (ICSE) October, 2018.
54.	Jyothi Prakash, Arkadu, Shyamal Varthini Dinkaran, Dhinesh Ganapathy, Mallavarpu Venkata Ramana Murthy, "Application of GFRP for Unburied submarine pipeline in Shallow Water of coral islands", ASCE Journal of Pipeline Systems Engineering and Practice October, 2018.
November 2018 -NIL	
December 2018	
55.	V.S. Ramarao, M.R. Bhajantri, V.V. Bhosekar, "Optimization Of Hydraulic

	Design Of URI-Ii Dam Spillway” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
56.	Mrunmay Junagade, Kunal Chandale, Shrishti Kenjale, R.R. Bahte, “ Analysis of performance of orifice spillway using computational fluid dynamics” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
57.	S.J. Ghule, P.M. Abdul Rahiman, S.R. Naidu, K.U. Farande, T.K. Sahu, “Surge analysis of long piping line: A case study” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
58.	V.S. Ramarao, M.R. Bhajantri, Dr. (Mrs)V.V.Bhosekar, K.T. More, “ Modification of spillway Ski Jump bucket subjected to higher tail water levels” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
59.	Dr. Prabhat Chandra, S.S. Chavan, “Utility of physical wave model for deepening of inner harbour and approach channel at V.O. Chidambarnar” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
60.	A.A. Purohit, M.M. Vaidya, K.R. Karambelkar, “ Assessment of suitability of dumping sites for the disposal of dredged material in Macro tidal region by Hydro-Dispersive Modeling”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
61.	Kuldeep Malik, N.A. Sonawane, M.K. Pawar, “Design of bank protection works down stream of Hippargi barrage, Karnataka”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
62.	K.H. Barve, K.S Vighe, L.R. Ranganath, “Numerical model studies to assess wave transmission through array of wave energy converters, with different configurations”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
63.	Santosh Kori, Dr. Prabhat Chandra, “Numerical simulation of wave conditions for Manglore fishing harbour”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
64.	R.K.Chaudhari, Santosh Kori, Dr. Prabhat Chandra, “ Optimization of approach channel layout to the Kamarjar port”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
65.	J.D. Agrawal, H.C. Patil, Sagar Chanda, “Determination of wave propagation in fishing harbour basin using mathematical models”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
66.	K.H.Barve, V.K. Pingale, “Optimization of Harbour layout through mathematical modelling”, in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
67.	Vaishali P.Gadhe, S.R. Patnaik, M.R. Bhajantri, V.V. Bhosekar, “Physical and numerical modeling of flow pattern near upstream guide wall of Jiagaon dam spillway, Maharashtra” in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
January 2019	
68.	N. Vivekanandan, C. Srishailam, R.S. Jagtap,“ Inter comparison of Estimators of probability Distributors for Low flows frequency analysis” in Sustainable Water Management, pp:68, January, 2019.
69.	Puja kumari, Annapurna Patra, C. Ramesh, Ajay Singh “Real time flood forecasting in Godavari Basin at Nashik, Maharashtra, India” in Indian Journal of Power and river valley Development, pp: 187-197, January 2019.
70.	R.K. Patel, R.S. Jagtap, P. Vijayagopal, K.K. Swain, “Spatial and Temporal Variation in Water Quality the Ganges: Vulnerability from population growth

	and anthropogenic factors” in 1st International conference, January 2019.
71.	Sanjay A. Burele, Nayan Sharma, Z. Ahmad, I.D.Gupta, “Hydraulic Model studies for channelization of river Kosi for a reach from Chatra to Kosi Barrage using Hockey stick shape Spur”, in International Journal of Advance Engineering and Research Development , January 2019.
72.	Sanjay A. Burele, Pravuram Panda, G. C. Singarakar, K. R. Dhawan, “Reservoir slope stability of Bunakha hydraulic project by finite element method” in International Journal of Advance Engineering And Research Development , Volume- 5, Issue 12, January 2019.
73.	V.S. Ramarao, M.R. Bhajantri, “ Performance of modified spillway for heightened gravity dam”, in ISH Journal of Hydraulic Engineering (ISSN: 0971-5010 (Print) 2016-3040 (Online) Journal) January 2019.
February 2019	
74.	R. S. Jagtap, V. K. Gedam, Mohan M Kale, “ Generalized Extreme Value with model with Cyclic Covariate Structure for Analysis of Non-Stationary Hydro-meteorological Extremes”, in Journal of Earth System Science, Indian Academy of Sciences, Issue 128:14, February 2019
75.	Parag Arun Kashyape, Dr. Mohammad Jawed, “Performance Assessment of Clariflocculator of a Water Treatment Plant - A Case Study”, in International Conference on Sustainable Solutions in Industrial Pollution, Water and Wastewater Treatment, held at AMU, Aligarh, February 2019.
76.	Dr. K. R. Dhawan, Dr. Sanjay A. Burale, Khalil Ahmad M. Bagawan, “ Curtain Grouting A Tool used for Stopping the Seepage from an Existing Dam”, in Indian Geotechnical Journal ,Impact Factor as on 2017 is 0.215, February 2019.
77.	V.S. Ramarao, K. T. More, Dr. M. R. Bhajantri, Dr. (Smt) V. V. Bhosekar, “Hydraulic Design of Spillway of Tangon Dam of Etalin H. E. Project by Hydraulic Model Studies” in International Dam Safety Conference (DRIP), February 2019.
78.	L. R. Ranganath, A. V. Sriram, M. Karthikeyan, “Desk Studies and Modelling Sedimentation Pattern in Gulf of Khambhat”, in International Conference in Ocean Engineering (ICOE2018), Vol:23, pp:139-157, February 2019.
March 2019	
79.	M. S.Hanumanthappa, Rizwan Ali, Shyamil Paswan, Chetan S Khadane, Shabeer A Lone, “Relevance of Dam Instrumentation towards long term monitoring of structural behaviour of gravity dams”, in International Dam Safety Conference, March 2019.
80.	M. S. Hanumanthappa, Rizwan Ali, Shyamil Paswan, Chetan S Khadane, Shabeer A Lone, “Assessment of Grouting Effectiveness in Improvement of Structural Stability of a Leaking Dam By Finite Element Method - A Case Study”, in International Dam Safety Conference, March 2019.
81.	C. Srishailam, N. Vivekanadan, R. S. Jagtap, “Assessment of extreme rainfall using Gumbel distribution for estimation of peak flood discharge for ungauged catchments”, in 5th International Conference on hydrology and Watershed Management, pp: 433- 443, March 2019.
82.	L. R. Ranganath, A. V. Sriram, M Karthikeyan, “Impact of breakwater on estuary mouth stabilization from sedimentation perspective”, International Journal of Modern Engineering Research (IJMER), Vol.9/ISSN:2249-6645, March 2019.
83.	Rizwan Ali, Pillai S.J., Vigneswaran R., Singh Sarbjeet, Balachandran K, “Repairs and Strengthening of Energy Dissipating Appurtances of Dams- A Case Histories”, in International Dam Safety Conference, February 2019.
84.	Rizwan Ali, Pillai S.J., Vigneswaran R., Singh Sarbjeet, Balachandran K., Meena Jai Prakash, “Effect of Cementitious Grout Mix Design in Arresting Seepage through Distressed Masonry Dam: A Case Study”, in International Dam Safety Conference, February 2019.