

Papers Published (2017 - 2018)

| April-2017 | |
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| 1 | B.S. Sunderlal, M. R. Bhajantri, Dr. V.V. Bhosekar, B.M. Shimpiger, Mrs. Sangeeta Patnaik, Mrs. Vaishali Gadhe "Role of Hydraulic model studies in finalizing the design of spillway and energy dissipator for Dhauliganga Hydroelectric project, Uttarakhand, India" in "CBIP - Water and Energy International Journal" volume No.59, of March pp.64-75. |
| 2 | V. Prabhakar Chary, R.S. Eranade, S.D. Ranade, M.D. Kudale "Design of Hydraulic Power Pack System for Servo- Hydraulic Random Sea Wave Generators for Design of Port Layouts" in "Cosmic Journal Group (IJRMET) Volume 7, issue 1, Nov 2016 -April 2017 pp. 80-88. |
| 3 | M.K. Pawar, Kum Madhavi Gajre " Nadhi jodo yojana yeva iskey mukya pahal" in " Vadodara ke Rashtriya Hindi - Thakaneeki sanghosti pathrika 2017" April 2017. |
| 4 | A.K. Singh, Naval Jagtap, L.R. Ranganath "Nadhiyon ko jodneyse jal hothey yeva vikas mey yoghdhan" in " National Journal in Rastriya Jal Vikas Abhikaran, Vadodara" April 2017. |
| 5 | Sagar M. Gawande, P.A. Kashyape, H.B. Jagadeesh "Review of Hydraulic model studies for Port Development" in" International Research Journal of Engineering and Technology (IRJET) " Volume - 04 issue: April 2017 pp-ISSN:2395-0072. |
| 6 | A.A.Purohit, M.M. Vaidya, M.D. Kudale "Application of Unstructured Mesh Modeling in evolving Safe Grade Elevation of an Airport at the confluence of multiple Rivers in a Macro Tidal Region" in " International Journal of Environment, Chemical, Ecological, Geological and Geophysical Engineering" Volume:11, No.3, 2017, pp.227-241. |
| May 2017 | |
| 7 | M.K. Verma, M.Z.Qamar, Neena Isaac, V.V. Bhosekar" Diversion Tunnel of Hydropower Projects for Sediment Management " published in International Conference on Recent Advances in Civil Engineering (ICRACE 2017) pp.286-292 May, 2017. |
| 8 | Dr. S.A. Burele " HMS for Channelization of river Kosi using T shape spur " in International Conference on status and future of Worlds large rivers by BOKU University of Natural Resources and Life Sciences, Vienna, Austria and NIT, Roorkee, India May, 2017. |
| June-2017 | |
| 9 | Dr. K.C. Sahu" Erosional Characteristics of an Erodible Weir" in "International Journal of Advancement in Engineering Technology, Management and Applied Science (IJAETMAS) " - Volume 05- Issue 01: pp:187-196, May 2017. |
| 10 | S. Ajai, P.B. Abdul Rahiman, K. Kumar " Numerical analysis of multi intake pump sump system " in" Indian Journal of Power & River Valley Development " -Volume 66, Nos.9 & 10, pp: 136-142, September - October, 2016. |
| 11 | P.M. Abdul Rahiman, S.J. Ghule, K.U. Farande " Hydraulic model studies for un conventional pump intake a case study" in " Indian Journal of Power and River Valley Development" , Volume.66, Nos.9&10, pp: 76-79, Sept - Oct , 2016. |
| 12 | P.M. Abdul Rahiman, S.J. Ghule, S.V. Kulkarni " Renewable Energy - Exploitable option |

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| | for Energy Needs" in " Indian journal of Power and River Valley Development" , pp: 8 -10, Jan-Feb 2017 |
| July - 2017 | |
| 13 | M.K. Verma, M.Z. Qamar, Mrs Neena Isaac, Dr. V.V. Bhosekar " Diversion Tunnel of Hydropower Projects for sediment Management " in "International Journal of Earth Science and Engineering (IJEE) " - Volume 10, No.02, pp.393- July, 2017. |
| August- 2017 | |
| 14 | T.K. Swain, Dr. K. Kumar, P.Abdul Rahiman, S. Ajai " Modeling of electromagnetic flow meters for reduction of Eddy current effect" in Flotek.g Global Conference 2017 in August, 2017. |
| 15 | P.M. Abdul Rahiman, N.P Khaparde, Dr. K. Kumar, B. Suresh Kumar, S. Sampath" Site Calibration of Radar type Ultrasonic Flow meter using ADCP" in Flotek.g Global Conference 2017 in August, 2017. |
| 16 | L. R. Ranganath,Dr. A.K. Singh " Modeling of Sedimentation Pattern in Gulf of Khambhat" in 5 th National Conference of the Ocean Society of India, OSICON-17 in August, 2017 (pp: 158). |
| 17 | A.K. Singh, M. Karthikeyan, L.R. Ranganath, M.D. Kudale " Impact on Hydrodynamics and Sedimentation due to construction of harbour in open coast" in 5 th National Conference of ocean Society of India, OSICON-17 in August, 2017 (pp: 137). |
| 18 | Mahesh Shelke, Dr. S.N. Londhe, L.R. Ranganath, Karthikeyan M." 2-d hydrodynamics modeling of tidal currents in thane creek, west coast of India" in 5 th National Conference of ocean Society of India, OSICON-17 in August, 2017 (pp: 139). |
| September - 2017 | |
| 19 | G.A. Panvalkar, A.D. Chunade " Tracing dam seepage using nuclear logging and tracer techniques" in ISH Journal of Hydraulic Engineering, September 2017. |
| October - 2017 | |
| 20 | Dr. Rolland Andrade, G.A. Panvalkar, N.V. Deshpande " Aspects of safety in Engineering Structures : Need for Investigation - Special Emphasis to Dams " in Advanced Information Science and Technology (IJAIST) volume.6, No.9, DOI:10.15693/ijaist/2017.v6i9.6-11, October 2017. |
| November - 2017 | |
| 21 | Dr. Rolland Andrade " Remote sensing and GIS tool-An aid in site delineation for hydrological structure(s)" in International Journal of Advanced Information Science and Technology (IJAIST) ISN: 2319:2682-Vol.6, No.8. November, 2017. |
| 22 | Dr. Rolland Andrade" Mapping Aquifer Bifurcation through Integrated Geographical and Tracer studies in a Granite Terrain" in Geography, Geo Sciences, Environmental Science & Disaster Management, Volume 17, Issue 3, Version 1.0, ISSN:2249-460X, November, 2017. |

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| 23 | S.J. Ghule, P.M. Abdul Rahiman, K.U. Farande " Model studies for pump sump of a urban drinking water system – a case study" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering- HYDRO 2017". |
| 24 | Dr.(Mrs.) P. P. Gadge, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar "Experimental Investigations for Telengiri dam spillway Irrigation Project, Odisha " in 22nd International Conference on Hydraulics Water resources and Coastal Engineering- HYDRO 2017 Ahmedabad. |
| 25 | Mrs. Shivani Sahu, Anil Bhagwan, Jiwshwar Sinha "Development of fishery harbor with long training walls along creek inlet mouth in east coast of India" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 26 | Mrs. S. R. Patnaik, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar, Mrs. V. P. Gadhe "Modeling of Scour downstream of Skijump bucket" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 27 | R. R. Bhate, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar "Mitigating Cavitation on High head orifice spillways" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 28 | Mrs. Sushama Vyas, Y. N. Shrivastava, Dr.(Mrs.) V. V. Bhosekar "Mathematical model studies for the analysis of inclined surge tunnels" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 29 | Mrs. Vaibhavi Roy, Amol Borkar "Numerical modeling of wave propagation for fishery harbor on west coast of India" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 30 | K. B. Bobade, S. G. Manjunatha "Formulation of relation between rainfall intensity duration and frequency for a city in India" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 31 | P. A. Kashyape, H. B. Jagadeesh, T. Nagendra "Design of multipurpose tidal basin model for estuarina Port development studies" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 32 | Dr. S. A. Burele, Prof. Nayan Sharma, Prof. Z. Ahmad, Prof. I. D. Gupta "Hydraulic model studies for channelization of river Kosi using T-type shape spur" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 33 | Amit Kulhare, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar "Physical and numerical simulation of scour downstream of ski-jump bucket spillway" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 34 | Dr. A. K. Singh, B. Krishna, M. Karthikeyan, L. R. Ranganath "Morphological studies to optimize siltation in fishing harbor in south-west coast of India" in "22nd International |

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| | Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 35 | V. B. Sharma, Dr. J. D. Agrawal "Impact of different river discharge condition on sedimentation in the navigation channel and river mouth" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 36 | K. T. More, Dr. M. R. Bhajantri, Dr. (Mrs.) V. V. Bhosekar "Numerical simulation of flow over spillway with sloping apron stilling basin type energy dissipator " in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 37 | Anil Bagwan, Jiweshwar Sinha "Impact of tides on a typical port situated at upstream of tidal channel" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 38 | K. H. Barve, M. D. Sawant, Dr. Prabhat Chandra, T. Nagendra "Mathematical model studies to optimize the layout of fisheries harbor at Manjeshwar, Kerala" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 39 | Amit Kumar Jha, K. H. Barve, L. R. Ranganath "Numerical model studies to assess wave transmission through permeable structure" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 40 | V. S. Ramarao, Dr. M. R. Bhajantri, Amit Kulhare, Mrs. P. P. Gadge " Performance of modified spillway for heightened gravity dam" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 41 | L. R. Ranganath, B. Krishna, Dr. A. K. Singh, G. A. Rajkumar, Karthikeyan M "Study of impact on hydrodynamics and siltation due to shifting of offshore breakwater " in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 42 | B. S. Sunderlal, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar, R. R. Bhate, Amol H. Gaikwad " Evolving gate operation schedule for spillway through hydraulic model studies" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 43 | N. Vivekanandan, Dr. C. Ramesh, R. S. Jagtap " Assessment of applicability of Particular Prability Distrubution for Extreme Value Analysis of Rainfall under Missing Data Scenario" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 44 | Dr. A. Rolland, Govind Panwalkar, N. V. Deshpande "Well logging-a state of art technology in resolving problems in hydraulic structures " in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering, HYDRO 2017, Ahmedabad. |

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| 45 | A. A. Purohit, M. M. Vaidya, A. Basu, K. A. Chavan "Prediction of siltation for mega terminal in macro tidal region by hybrid modeling" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering, HYDRO 2017, Ahmedabad. |
| 46 | A. B. Pardeshi, Amol Jatkar, M. D. Kudale "Optimization of water transport terminal using mathematical modeling technique" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 47 | Uday B. Patil, Dr. Prabhat Chandra, T. Nagendra "Effect of channelization on mitigation of floods of Mithi river, Mumbai" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 48 | A. K. Agrawal, Dr. K. C. Sahu, K. Rajesh "Performance of power intake- a case study" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 49 | Dr. Rolland Andrade, Dr. Rangarajan R, Dr. Murlidharan D " Aquifer recharge and sustenance suitable water harvesting approach in tropical, India" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 50 | S. Bhowmick, Mrs. Archana K. Pund "Qualitative assessment of subsurface structural and geological condition from break through curves of tracer techniques" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 51 | Mrs. V.P. Gadhe, Dr. R.G. Patil, Dr.(Mrs) V.V. Bhosekar "Performance assessment of upgraded spillway - a case study" in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad. |
| 52 | Dr. (Mrs) Tanusree Samanta "Significance of site specific stiffness parameters on settlement behaviour of rubble mount breakwater constructed on soft marine clay" in Indian Geotechnical Conference - 2018 (IGC-2018), IIT Guwahati. |
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| 53 | M.Z. Qamar, M.K. Varma,A.P. Meshram " Reservoir Silt Management at power intakes in Himalayan region" in " International Dam Safety Conference 2018 (IDSC)" January 2018. |
| 54 | Mrs. M.V. Chhatre, J.S. Edlabadkar, A.D. Khot "Stability and Rehabilitation of earth Dams-Case Histories" in International Dam Safety Conference (IDSC) 2018, |
| February -2018 | |
| 55 | A.A. Purohit, M.M. Vaidya "Optimization of layout of Semi-Enclosed Basin in Micro Tidal Region to Minimize Siltation for Mega ship by FEM' in "4th International Conference in Ocean Engineering" (ICOE-2018) February 2018 |
| 56 | G.A. Panvalkar, N.V. Deshpande "The potential of Borehole Geophysical Logging and Tracer Techniques in Dam Seepage Investigations" in " The Masterbuilder", e book , Vol.20.1., PP: 52-55, January, 2018. |
| 57 | Dr.J.D. Agrawal, H.C. Patil, Sagar Chanda, T. Nagendra" Evolving Fishing Harbour |

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| | Layout by Wave Tranquility study using Mathematical Model - A case study" in "4th International Conference in Ocean Engineering" (ICOE-2018) February 2018. |
| 58 | Dr. R. Manivanan, Dr. J.D. Agrawal, T. Nagendra "Simulation of littoral drift and shoreline changes in high littoral zone at Ennore, East coast of India" in"4th International conference in Ocean Engineering" (ICOE-2018) February 2018. |
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