

## Papers Published (2017 - 2018)

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" published 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" published 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 pahalul" Published 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" published 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" published 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" published in " International Journal of Environment, Chemical, Ecological, Geological and Geophysical Engineering" Volume:11, No.3, 2017, pp.227-241.
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 " published 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.
9. Paper Titled " Erosional Characteristics of an Erodible Weir" " by Dr. K.C. Sahu published in "International Journal of Advancement in Engineering Technology, Management and Applied Science (IJAETMAS) " - Volume 05- Issue 01: pp:187-196, May 2017.
10. Paper Titled" Numerical analysis of multi intake pump sump system " by S. Ajai, P.B. Abdul Rahiman, K. Kumar published in" Indian Journal of Power & River Valley Development " -Volume 66, Nos.9 & 10, pp: 136-142, September - October, 2016.
11. Paper Titled " Hydraulic model studies for un conventional pump intake a case study by P.M. Abdul Rahiman, S.J. Ghule, K.U. Farande published in " Indian Journal of Power and River Valley Development" , Volume.66, Nos.9&10, pp: 76-79, Sept - Oct , 2016.
12. Paper Titled " Renewable Energy - Exploitable option for Energy Needs" by P.M. Abdul Rahiman, S.J. Ghule, S.V. Kulkarni published in " Indian journal of Power and River Valley Development" , pp: 8 -10, Jan-Feb 2017
13. Paper Titled " Diversion Tunnel of Hydropower Projects for sediment Management " by

- M.K. Verma, M.Z. Qamar, Mrs Neena Isaac, Dr. V.V. Bhosekar published in "International Journal of Earth Science and Engineering (IJEE) " - Volume 10, No.02, pp.393- July, 2017.
14. Paper Titled " Modeling of electromagnetic flow meters for reduction of Eddy current effect" by T.K. Swain, Dr. K. Kumar, P.Abdul Rahiman, S. Ajai published in Flotek.g Global Conference 2017 in August, 2017.
  15. Paper Titled" Site Calibration of Radar type Ultrasonic Flow meter using ADCP" by P.M. Abdul Rahiman, N.P Khaparde, Dr. K. Kumar, B. Suresh Kumar, S. Sampath published in Flotek.g Global Conference 2017 in August, 2017.
  16. Paper Titled " Modeling of Sedimentation Pattern in Gulf of Khambhat" by L. R. Ranganath,Dr. A.K. Singh published in 5<sup>th</sup> National Conference of the Ocean Society of India, OSICON-17 in August, 2017 ( pp: 158).
  17. Paper Titled " Impact on Hydrodynamics and Sedimentation due to construction of harbour in open coast" by A.K. Singh, M. Karthikeyan, L.R. Ranganath, M.D. Kudale published in 5<sup>th</sup> National Conference of ocean Society of India, OSICON-17 in August, 2017 ( pp: 137).
  18. Paper Titled " 2-d hydrodynamics modeling of tidal currents in thane creek, west coast of India" by Mahesh Shelke, Dr. S.N. Londhe, L.R. Ranganath, Karthikeyan M. published in in 5<sup>th</sup> National Conference of ocean Society of India, OSICON-17 in August, 2017 ( pp: 139).
  19. Paper Titled " Tracing dam seepage using nuclear logging and tracer techniques" by G.A. Panvalkar, A.D. Chunade published in ISH Journal of Hydraulic Engineering, September 2017.
  20. Paper Titled " Aspects of safety in Engineering Structures : Need for Investigation - Special Emphasis to Dams " by Dr. Rolland Andrade, G.A. Panvalkar, N.V. Deshpande published in Advanced Information Science and Technology (IJAIST) volume.6, No.9, DOI:10.15693/ijaist/2017.v6i9.6-11, October 2017.
  21. Paper Titled " " Remote sensing and GIS tool-An aid in site delineation for hydrological structure(s)" by Dr. Rolland Andrade published in International Journal of Advanced Information Science and Technology (IJAIST) ISN: 2319:2682-Vol.6, No.8. November , 2017.
  22. Paper Titled" Mapping Aquifer Bifurcation through Integrated Geographical and Tracer studies in a Granite Terrain" by Dr. Rolland Andrade published in Geography, Geo Sciences, Environmental Science &Disaster Management, Volume 17, Issue 3, Version 1.0, ISSN:2249-460X, November, 2017.
  23. Paper Titled " Model studies for pump sump of a urban drinking water system - a case study" by S.J. Ghule, P.M. Abdul Rahiman, K.U. Farande published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017".
  24. Paper Titled "Experimental Investigations for Telengiri dam spillway Irrigation Project, Odisha " by Dr.(Mrs.) P. P. Gadge, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar published in 22nd International Conference on Hydraulics Water resources and Coastal Engineering- HYDRO 2017 Ahmedabad.
  25. Paper Titled "Development of fishery harbor with long training walls along creek inlet mouth in east coast of India" by Mrs. Shivani Sahu, Anil Bhagwan, Jiwshwar Sinha published in "22nd International Conference on Hydraulics, Water Resources & Coastal

- Engineering - HYDRO 2017, Ahmedabad.
26. Paper Titled "Modeling of Scour downstream of Skijump bucket" by Mrs. S. R. Patnaik, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar, Mrs. V. P. Gadhe published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  27. Paper Titled "Mitigating Cavitation on High head orifice spillways" by R. R. Bhate, Dr.M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  28. Paper Titled "Mathematical model studies for the analysis of inclined surge tunnels" by Mrs. Sushama Vyas, Y. N. Shrivastava, Dr.(Mrs.) V. V. Bhosekar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  29. Paper Titled "Numerical modeling of wave propagation for fishery harbor on west coast of India" by Mrs. Vaibhavi Roy, Amol Borkar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  30. Paper Titled "Formulation of relation between rainfall intensity duration and frequency for a city in India" by K. B. Bobade, S. G. Manjunatha published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  31. Paper Titled "Design of multipurpose tidal basin model for estuarina Port development studies" by P. A. Kashyape, H. B. Jagadeesh, T. Nagendra published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  32. Paper Titled "Hydraulic model studies for channelization of river Kosi using T-type shape spur" by Dr. S. A. Burele, Prof. Nayan Sharma, Prof. Z. Ahmad, Prof. I. D. Gupta published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  33. Paper Titled "Physical and numerical simulation of scour downstream of ski-jump bucket spillway" by Amit Kulare, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  34. Paper Titled "Morphological studies to optimize siltation in fishing harbor in south-west coast of India" by Dr. A. K. Singh, B. Krishna, M. Karthikeyan, L. R. Ranganath published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  35. Paper Titled "Impact of different river discharge condition on sedimentation in the navigation channel and river mouth" by V. B. Sharma, Dr. J. D. Agrawal published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  36. Paper Titled "Numerical simulation of flow over spillway with sloping apron stilling basin type energy dissipator " by K. T. More, Dr. M. R. Bhajantri, Dr. (Mrs.) V. V. Bhosekar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  37. Paper Titled "Impact of tides on a typical port situated at upstream of tidal channel " by Anil Bagwan, Jiweshwar Sinha published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  38. Paper Titled "Mathematical model studies to optimize the layout of fisheries harbor at Manjeshwar, Kerala" by K. H. Barve, M. D. Sawant, Dr. Prabhat Chandra, T. Nagendra published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  39. Paper Titled "Numerical model studies to assess wave transmission through permeable structure" by Amit Kumar Jha, K. H. Barve, L. R. Ranganath published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  40. Paper Titled " Performance of modified spillway for heightened gravity dam" by V. S. Ramarao, Dr. M. R. Bhajantri, Amit Kulhare, Mrs. P. P. Gadge published in "22nd

- International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
41. Paper Titled "Study of impact on hydrodynamics and siltation due to shifting of offshore breakwater " by L. R. Ranganath, B. Krishna, Dr. A. K. Singh, G. A. Rajkumar, Karthikeyan M published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  42. Paper Titled " Evolving gate operation schedule for spillway through hydraulic model studies" by B. S. Sunderlal, Dr. M. R. Bhajantri, Dr.(Mrs.) V. V. Bhosekar, R. R. Bhate, Amol H. Gaikwad published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  43. Paper Titled " Assessment of applicability of Particular Probability Distribution for Extreme Value Analysis of Rainfall under Missing Data Scenario" by N. Vivekanandan, Dr. C. Ramesh, R. S. Jagtap published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  44. Paper Titled "Well logging-a state of art technology in resolving problems in hydraulic structures " by Dr. A. Rolland, Govind Panwalkar, N. V. Deshpande published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  45. Paper Titled "Prediction of siltation for mega terminal in macro tidal region by hybrid modeling" by A. A. Purohit, M. M. Vaidya, A. Basu, K. A. Chavan published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  46. Paper Titled "Optimization of water transport terminal using mathematical modeling technique" by A. B. Pardeshi, Amol Jatkar, M. D. Kudale published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  47. Paper Titled "Effect of channelization on mitigation of floods of Mithi river, Mumbai" by Uday B. Patil, Dr. Prabhat Chandra, T. Nagendra published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  48. Paper Titled "Performance of power intake- a case study" by A. K. Agrawal, Dr. K. C. Sahu, K. Rajesh published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  49. Paper Titled " Aquifer recharge and sustenance suitable water harvesting approach in tropical, India" by Dr. Rolland Andrade, Dr. Rangarajan R, Dr. Murlidharan D published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  50. Paper Titled "Qualitative assessment of subsurface structural and geological condition from break through curves of tracer techniques" by S. Bhowmick, Mrs. Archana K. Pund published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  51. Paper Titled "Performance assessment of upgraded spillway - a case study" by Mrs. V.P. Gadhe, Dr. R.G. Patil, Dr.( Mrs) V.V. Bhosekar published in "22nd International Conference on Hydraulics, Water Resources & Coastal Engineering - HYDRO 2017, Ahmedabad.
  52. Paper Titled "Significance of site specific stiffness parameters on settlement behaviour of rubble mound breakwater constructed on soft marine clay" by Dr. (Mrs) Tanusree Samanta published in Indian Geotechnical Conference - 2018 (IGC-2018), IIT Guwahati.
  53. Paper Titled " Reservoir Silt Management at power intakes in Himalayan region " by M.Z. Qamar, M.K. Varma,A.P. Meshram published in " International Dam Safety Conference 2018 (IDSC)" January 2018.

54. Paper Titled "Stability and Rehabilitation of earth Dams-Case Histories" by Mrs. M.V. Chhatre,  
J.S. Edlabadkar, A.D. Khot published in International Dam Safety Conference (IDSC) 2018,  
January 2018.
55. Paper Titled "Optimization of layout of Semi-Enclosed Basin in Micro Tidal Region to Minimize  
Siltation for Mega ship by FEM' by A.A. Purohit, M.M. Vaidya published in "4th International  
Conference in Ocean Engineering" (ICOE-2018) February 2018.
56. Paper Titled "The potential of Borehole Geophysical Logging and Tracer Techniques  
in Dam  
Seepage Investigations" by G.A. Panvalkar, N.V. Deshpande published in " The  
Masterbuilder",  
e book , Vol.20.1., PP: 52-55, January, 2018.
57. Paper Titled" Evolving Fishing Harbour Layout by Wave Tranquility study using  
Mathematical  
Model - A case study" by Dr.J.D. Agrawal, H.C. Patil, Sagar Chanda, T. Nagendra  
published in  
"4th International Conference in Ocean Engineering" (ICOE-2018) February 2018.
58. Paper Titled "Simulation of littoral drift and shoreline changes in high littoral zone at  
Ennore,  
East coast of India" by Dr. R. Manivanan, Dr. J.D. Agrawal, T. Nagendra, published  
in"4th  
International conference in Ocean Engineering" (ICOE-2018) February 2018.

March- NIL