

## Papers Published (2020 - 2021)

<b>April -2020 (NIL)</b>	
<b>May -2020</b>	
1.	Prof. Shilpi S. Bhuinyan, Dr. Prabhat Chandra, Amol Borkar, Ketan Jadhav, Pranav Vaishampayan, Varun Khengare, Abhishek Deshmukh, "Review on Numerical Modelling Studies to optimize the layout of Fishery Harbour on the West Coast of India", International Research Journal of Engineering and Technology (IRJET)/volume of 05 May 2020.
2.	M. Phani Kumar. Prof. Y. Abbulu, Prof. P. Malleswararao, "Application of Principal Component Analysis to Ascertain the Beach Morphological Conditions Adjacent to a Major Port." International Journal of Research in Engineering and Science (IJRES)/volume of 05 May 2020.
<b>June -2020 (NIL)</b>	
<b>July -2020 (NIL)</b>	
<b>August -2020 (NIL)</b>	
<b>September -2020</b>	
3.	Mr. Kanu Chakraborty, Miss Parvin Shaikh Latif Kureshi, Mr. Sagar B. Gajbe, Dr. Naveen Upadhyay, Dr. Dalmi Devi " Role of LIS Professionals to authentic information sources during COVOD-19 a Pandemic crisis", International Journal of (open access) in yearly cumulative volume September 2020.
<b>October -2020(NIL)</b>	
<b>November -2020(NIL)</b>	
<b>December -2020</b>	
4.	Rahiman A., S.J. Ghule, Prakash J.A., Farande K.U. "Transient Analysis of a Long Rising Main of a Lift Irrigation Scheme." Proceedings of the 8 <sup>th</sup> International and 47 <sup>th</sup> National Conference on fluid Mechanics and Fluid Power(FMFP) December 09-11, 2020, IIT Guwahati, Assam, India.
5.	Rahiman A, Kumar K., Farande K.U., Sahu T.K., Prakash J.A., Ajai S., Swain T.K. "Comparative Evaluation of Typical Submersible Pumps" Proceedings of the 8 <sup>th</sup> International and 47 <sup>th</sup> National Conference on fluid Mechanics and Fluid Power(FMFP) December 09-11, 2020, IIT Guwahati, Assam, India.
<b>January -2021(NIL)</b>	
<b>February-2021</b>	
6.	Rahiman A, Kumar K., Swain T.K., Ajai S., Prakash J.A.', "Turbine Performance Evaluation in a Hydro Power Plant." International Conference on HYDRO-2020 at France.
7.	P.K. Dorle, S.D. Ranade, "Hydrological and Hydrological Information System (HIS) in India" International Journal for Research in Applied Science and Engineering Technology (IJRASET) in Volume 9, Issue II, February 2021.
8.	R. R. Bhate, M. R. Bhajantri, V. V. Bhosekar, "Optimizing the layout and design of spillways and energy dissipaters for cascade hydropower projects in Ravi Basin, India", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.

9.	P. P. Gadge, M. R. Bhajantri, V. V. Bhosekar, "Optimization in design of energy dissipation arrangement for overflow, orifice and tunnel spillway using hydraulic modeling", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
10.	Rizwan Ali, M. S. Hanumanthappa, Chetan S Khadane, Shyamlin Paswan, M. R. Bhajantri, "3D Stress analysis of ageing dam by finite element method towards strengthening -A case study", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
11.	M. S. Hanumanthappa, Rizwan Ali, Shyamli Paswan, Shabeer Lone, Vishnu Kumar Meena, "Long term structural performance monitoring of gravity dams through analysis and interpretation of instrumentation data-A case study", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
12.	S. A. Kamble, P. S. Kunjeer, S. D. Pingale, V. R. Medhe, "Assessing reservoir capacity using advanced hydrographic survey techniques", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
13.	M. K. Verma, M. Z. Qamar, A. P. Meshram, Neena Isaac, "Dealing suspended sediment for optimal operation of Hydro Project", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
14.	J. S. Edlabadkar, M. V. Chhatre, S. Thorat "Design of optimum remedial measures and its effect on seepage aspects of an Earth dam", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
15.	Sunil J. Pillai, Rizwan Ali, R. Vigneswaran, Sarbjeet Singh, K. Balachandram, "Studies on mass concrete design mix towards temperatures control in gravity dam A-case study" Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
16.	R. Vigneswaran, Rizwan Ali, Sunil J. Pillai, Sarbjeet Singh, K. Balachandram, Prakash Meena, Ankit Sahu, "Seepage control in masonry Gravity dams through dam body grouting -A case study", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
17.	G. D. Naidu, S. Selvan, Suman Sinha, Rizwan Ali, Jerin Paul, "Seismic hazard assessment of Palghar district -a structural perspective", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
18.	Suman Sinha, B. S. Selvan, D. K. Awasthi, G. D. Naidu, Rizwan Ali, "A Review of site specific estimation of seismic design parameters", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
19.	Sanjay A. Burele, K.A.M. Bagwan, "Slope Stability of hillock near Banda branch canal using GTX software-a case study" Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
20.	H. P. Chaudhary, S. B. Tayade, S. A. Kamble, Neena Isaac, "Sediment management in hydroelectric projects by operating reservoirs for desilting", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.

21.	V.K. Ghodake, N.B. Varshikar, Prakash K. Palei, "Sonic wave velocity measurement for evaluation of in-situ quality of dam" Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
22.	Prakash K. Palei, N.B. Varshikar, V. K. Ghodake, S. Santhosh Kumar, Rizwan Ali, "Ensuring safety of hydraulic structures against ground vibrations generated during blasting operation" Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
23.	R.R. Bhate, M.R. Bhajantri, V. V. Bhosekar, "Future challenges in design of spillways and energy dissipaters", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
24.	S. R. Patnaik, V. P. Gadhe, M. R. Bhajantri, V. V. Bhosekar, "Hydraulic model studies for additional spillway of Hirakud Dam, Odisha", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
25.	P. P. Gadge, M. R. Bhajantri, V. V. Bhosekar, "Innovative research methodology in evolving design of spillways for Himalayan H. E. Projects" Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
26.	P. P. Gadge, M. R. Bhajantri, V. V. Bhosekar, " Numerical simulation of air entraining characteristics over high head chute spillway aerator" Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
27.	S.R. Patnaik, V.P. Gadhe, B.S. Sundarlal ,M.R. Bhajantri, V.V. Bhosekar, "Cascading hydropower projects on Teesta river basin ",Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
28.	Amit Kulhare, S. R. Patnaik, M. R. Bhajantri, V. V. Bhosekar, "Restoration and rehabilitation of spillway with modified energy dissipator-a case study", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
29.	V. S. Ramarao, M. R. Bhajantri, V. V. Bhosekar, "Heightening of Dhanikari dam-hydraulic design of spillway and energy dissipater", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
30.	P. D. Patil, F. D. Momin, P. S. Kunjeer, Neena Isaac, "Hydraulic model studies for optimizing layout of power intakes in run-of-the-river projects", Virtual ICOLD symposium on " Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
31.	P. S. Kunjeer, S. B. Tayde, H. P. Chaudhary, Neena Isaac, "Numerical model simulations for sedimentation in run-of-the-river projects", Virtual ICOLD symposium on "Sustainable Development of Dams and River Basins" & APG Symposium on "Water and Dams" February 2021.
32.	M. Selva Balan, K.K. Shini, "Extraction of multiple sediment layers using acoustic data processing." International Conference on Recent Advances in Civil Engineering for Sustainable Development (RACESD-2021), during 13-14 February 2021

March-2021	
33.	N. Vivekanandan, C. Srishailam, R.G. Patil, "Rainfall Intensity-Duration Frequency Analysis for North Region of Raigad District, Maharashtra" "Fourth International Groundwater online Conference(INGWC-2021) during 22 - 24 March at Jawaharlal Nehru Technological University, Hyderabad.
34.	Shivani Sahu, Jiweshwar Sinha, Vaibhawi Roy, Prabhat Chandra, "Restoration of Tidal Creek Inlet for Navigation using Pile Jetty A CASE Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
35.	B. Krishna, G.A. Rajkumar, Karthikeyan M, L.R. Ranganath, J.D. Agrawal, " Numerical Model Studies to Assess the Morphological Changes due to Coastal Front Development - A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
36.	Bhate. R. R, Kulhare Amit, Dr. Bhajantri M.R, "Optimization of Common Energy Dissipator for the Two-Tier Spillway- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
37.	R. K. Choudhari, S.K. Kori, Prabhat Chandra, "Importance of Optimization of over Lapping of Breakwater at Fishing Harbour entrance." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
38.	R. K. Choudhari, S.K. Kori, Prabhat Chandra, "Utilization of Numerical Model for Shoreline Changes to Evolve the Suitable Coastal Protection Work at Hosabettu, Karnataka." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
39.	S. S. Chavan, Hradaya Prakash, , Prabhat Chandra, "Utility of Physical Wave Models for Development of Fishing Harbour- A case Study for Mopla Bay." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
40.	Jiweshwar Sinha, S.N. Jha, Vaibhawi Roy, Prabhat Chandra, "Numerical modelling in shoreline evolution prediction case study of inlet channel at Kasargod, Kerala". 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
41.	H.B. Jagadessh , P.A. Kashyape, Prabhat Chandra, "Use of regular and Random Sea Wave Generators in Hydraulic Physical Model Studies -Key Factors for Selection." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.

42.	H.B. Jagadessh, A.S. Chalawadi, Prabhat Chandra, "Hydraulic Physical Model Studies for the Development of Coast Guare Jetty at New Mangalore Port, Panambur, Karnataka- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
43.	Raghuram Singh, Jotasana Amberkar, R.G. Patil, "Flood Protection Measures and Anti /erosion Works along Palhori Khad Tributary of River Yamuna." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
44.	Raghuram Singh, Jotasana Amberkar, R.G. Patil, "Studies for proposed bank protection works along existing Ghats of Nira and Bhima Rivers at Nira Narsingapur, Maharashtra- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
45.	Sushma Vyas, Y. N. Srivastava, "Physical and Numerical Study for Flow over spillway Profile of Kiru Hydroelectric Project, J&K." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
46.	M. Selva Balan, K.V. Manisha, Final Year Engineering Student Shraddha Khot, Final Year Engineering Students, Malathi Khote, Final Year Engineering Students ,"Flood Estimation based on water surface velocity using non-contact sensing and regression analysis." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
47.	S.S. Kerimani, S.P. Hedapp, R. G. Patil, "Alignment of RRTS Railways Bridge Acores River Yamuna for Delhi-Ghaziabad-Meerut Corridor at New Delhi- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
48.	Y.R. Bhagat, J.A. Shimpi, "A Comparative Study on the Air Temperature Trends in Coastal and inland Region of India." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
49.	Arun Kumar, R.G. Patil, "Activation of Central Channel in River Kosi, Bihar." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
50.	A.K. Singh, Naval Jagtap, L.R. Ranganath, J.D. Agrawal, "Evaluation of Hydrodynamics and Sedimentation due to Construction of Jetty." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
51.	Komal Vighe, K.H. Barve, L.R. Ranganath, J.D. Agrawal, "Assessment of Wave Tranquillity and Littoral Drift Studies using Time Development wave Parameters to Develop Tourist Harbour in Andhra Pradesh." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.

52.	N.A. Sonawane, Kuldeep Malik, Madhavi Gajre, M.K. Pawar, "Assessing Flow Parameters in Sand Nalla in the Vicinity of Mouda STPP of NTPC, Maharashtra." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
53.	Prabhat Chandra, R. K. Choudhari, S.K. Kori, "Shoreline Changes Studies for Development of Passenger Terminal at Kashid, Maharashtra." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
54.	Prabhat Chandra, V.B.Sharma, "Vaibhav Konde, "Impact of Deepening of Approach Channel for New Mangalore Port- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
55.	J.A. Shimpi, J.D. Agrawal, "Shoreline change Analysis behind South Breakwater of Paradip Port by DSAS Technique". 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
56.	Jyothi Prakash, M.S.R. Naidu, Abdul Rahiman, R.G. Patil, "Transient Analysis for Water Supply Pipeline for Pokaran Village." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
57.	Mark Prabhakar Mahesh Game, Kishor Kumar Swain, Neena Isaac, "Spatial Variation in Water Quality of Mula -Mutha River Flowing through Pune City and Suburbs, Maharashtra." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
58.	Prabhat Chandra, V.B. Sharma, M.D. Sawant, "Comparison of Sedimentation in Dredged open Basin and Enclosed Basin a Case." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
59.	Rolland Andrade, "Hydrological Geophysical and GIS approach in Delineation of suitable artificial recharge site." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
60.	V. B. Sharma, Shivani Sahu, Vaibhav Konde, Prabhat Chandra, "Stabilization of Inlet and Restoration of River Mouth in Puthuyangadi." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
61.	S.N. Jha, Jiweshwar Sinha, Prabhat Chandra, "Assessment of Littoral Drift and Shoreline Changes for a Fishery Harbour on South West Coast of India." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.

62.	Anil Bagwan, Jiweshwar Sinha, Prabhat Chandra, "Mathematical Modelling and Simulation of Ocean Disposal of Harbour Dredged Materials." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
63.	Jagdeesh V., R.S. Erande, "Web Interface for Random Sea Wave Generation and Data Acquisition System for Hydraulic Physical Model Studeis". 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
64.	A.B. Pardeshi, A.S. Borkar, B.L. Meena, Prabhat Chandra, "Wave Simulation for optimisation of breakwater layout a case study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
65.	C. Srishailam, N. Vivekanandan, R.G. Patil, "Estimation of Peak Flood discharge for Unengaged Catchments by Hydro meteorological approaches." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
66.	Uday B. Patil, Prabhat Chandra, "Mathematical Model Studies for Construction of Temporary Pile Bridge for Erection of a Flyover Bridge across an Estuarine river." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
67.	S.K. Kori, Prabhat Chandra, "Wave Hind casting and Strom Surge Analysis at Porbandar, Gujarat." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
68.	R.P. Gupta, H.R. Khandagale, Mukesh Kumar, " Performance Testing of Paddle Wheel Current Meters- A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
69.	A.K. Singh, Naval Jagtap, L.R. Ranganath, "Breakwater Construction Effects on Hydrodynamics and Sedimentation Pattern in Open Coast. J.D. Agrawal. 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
70.	Shri B. Krishna, G.A. Rajkumar, Karthikeyan M, L.R. Ranganath, J.D. Agrawal, "Numerical Model Studies to Assess the Morphological Changes due to Coastal Front Development - A Case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
71.	A.A. Purohit, A. Basu, K.A. chavan, J.D. Agrawal, "Hydrodynamics Challenges and role of Physical model in evolving layout of boat landing facility at Confluence of Elephanta deep and Nhava Creek." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.

72.	M.S, Bist, Ajay Sonawane, Ajit Singh, J.K. Singh, M. Selva Balan, "Acquisition of depth profile using bathymetry survey near left bank spillway and proposed additional spillway of Hirakud Dam, Odisha- A case Study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
73.	Ajit Singh M.S, Bist, , Ajay sonawane, K. Subbarao Murty, M. Selva Balan, "Estimation of reservoir capacity of Singda dam, Manipur using Modern Integrated Bathymetry System (IBS)-A case study." 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
74.	G.V. Ramana Murthy, Srivastava Y.N, Telgote V.S, " Mathematical Model Studies for surge Analysis of Haldi Purani Lift Irrigation Scheme". 25 <sup>th</sup> International Conference on "Hydraulics, Water Resources and Coastal Engineering (HYDRO-2020)" at National Institute of Technology, Rourkela through online mode during 26 - 28 March 2021.
75.	Sangram More, S. Siddhartha, M. Selva Balan, Prashant Bartakke, "Extraction of sedimentation layers in underwater environment using sub bottom profiling techniques" International Conference on Water and Environment (ICWE-2021), during 22 - 23 March 2021.