



## Faculty publications

**Mrs. Seema A.Jagtap**

### **INTERNATIONAL JOURNAL PAPERS:**

1. Sonawane S. B., and Ukarande S. K., “Effect of Location of Series of Freshwater Pumping Wells (FPW) on Freshwater Saltwater Interface in Coastal Aquifers”, at International Journal of Research in Engineering and Social Sciences, ISSN 2249-9482, Vol. 6, pp 27-32, (July 2016)
2. Kulkarni S. R., S. K. Ukarande, Seema Jagtap – “ Dam Break Analysis – A case study”, published in International Journal of Engineering Research, Volume No. 5, Issue special 1, pp207-209, ISSN no. 2319 – 6890 (online) and 2347 – 5013 (print).
3. Khushbu H Kereliya, Seema A Jagtap, S. K. Ukarande - “High Performance Concrete with Mineral Admixtures”, Published in an International “Journal of Global Technology Initiatives”, Vol 4, Issue 1, pp A80 – A87, March 2015.

### **INTERNATIONAL CONFERENCE TECHNICAL PAPERS:**

1. Sonawane S. B., and Ukarande S. K., “Effect of Field Parameters on Saltwater Ingression in Coastal Aquifers” and published in the proceedings of the sixth, “International Congress on Computational Mechanics and Simulation (ICCMS2016)”, at Indian Institute of Technology Bombay, Mumbai, pp 1028-1032, (27<sup>th</sup> June - 1<sup>st</sup> July 2016 )
2. Seema Jagtap, S. K. Ukarande - “ Rainfall Runoff Modeling Using Model Tree Techniques” presented and published in the proceedings of the International Conference on “Emerging Trends in Technology and its Application” (ICETTA-2014) organized by Yadavrao Tasgaonkar College of Engineering & Management in association University of Mumbai held on , 7th -8th March, 2014, Maharashtra, India.

3. Ukarande S. K., Jagtap Seema and Kulkarni Sanjay, 'Dam Break Analysis - A Review', published and presented in Proceedings of 7th International Conference - Multicon –W. organized by Thakur College of Engineering and Technology, University of Mumbai, Mumbai, pp. 35-38, (Feb. 2016).
4. Ukarande S. K., and Jagtap Seema., 'Evaluation of Strength Properties of Concrete Using Glass Granules as Pozzolana', published and presented in Proceedings of 7th International Conference - Multicon –W. organized by Thakur College of Engineering and Technology, University of Mumbai, Mumbai, pp. 117-119, (Feb. 2016).
5. Vihang G. Pathare, Seema A. Jagtap, Conjunctive use of aquifers and Ulhas river in Ulhas river catchment, International Journal of Recent Advances in Engineering and Technology, (IJRAET), Volume 4, Issue 5, 2016
6. Vihang G. Pathare, Seema A. Jagtap, Drought in Thane district and the scope of conjunctive use of surface and sub-surface water, International Journal of Recent and Innovation Trends in Computing and Communication, (IJRITCC), Volume 4, Issue 4, April 2016
7. Vihang G. Pathare, Seema A. Jagtap, Attributes of Conjunctive use of surface water and sub-surface water, International Journal of Engineering, Technology, Management, Arts and Science, (IJETMAS), June 2016

#### **NATIONAL CONFERENCE TECHNICAL PAPERS:**

1. Seema Jagtap, S. K. Ukarande - " Rainfall Runoff Modeling Using Model Tree Techniques" presented and published in the proceedings of the National Conference on "Emerging Trends in Technology and its Application" (Transteller-2014) organized by Pillai HOC college of Engineering and technology, Rasayani, held on , 7th -8th March, 2014, Maharashtra, India.

## **RESEARCH PROJECT**

1. Received Minor Research Project grant from University of Mumbai of Rs. 35000/- for Project “Sustainable Irrigation Using Hydraulic Ram Pumps” in AY 2014-15. Principal Investigator: - Mrs. Seema A. Jagtap, Co- Investigator: - Dr. S. K. Ukarande
2. Received Minor Research Project grant from University of Mumbai of Rs. 30000/- for Project “Evaluation of Strength Properties of Concrete Using Glass Granules as Pozzolana” in A Y 2014 - 15. Principal Investigator: - Dr. S. K. Ukarande, Co-Investigator: - Mrs. Seema A. Jagtap

## **Mr. Nilesh Patil**

1. Mr. Nilesh Patil, “Advance Applications of GIS To smart Cities”, International Journal of Recent Advances in Engineering Technology (ISSN 2347-2812) (IJRAET) Volume 4 Issue 4, 2016
2. Mr. Nilesh Patil ,”Comparative study between Indian arbitration act 1940 & Arbitration & Conciliation Act 1996 with respect to Infrastructural dispute” International Inventive Multidisciplinary Journal. (ISSN 2348-7135) In Volume II May 2014 issue.
3. Mr. Nilesh Patil, “**Infrastructure of GIS To smart cities** “National conference on rresearch , Design and development in Engineering,management and sciences (NC-RDD-EMS-2016) ISSN-0974-3588
4. Nilesh B. Patil1 , Sachin S. Nalawade “Applications of GIS to smart cities” International Conference on Advances in Civil Engineering, 2016, TCET, Mumbai, India ,ISBN : 978-0-9972393-1-7

## **Mrs. Ugandhara Gaikwad**

### **NATIONAL CONFERENCE**

1. Ugandhara Gaikwad ,” Canal lining and its economics” National Conference on "Recent advances in civil and structural engineering"25th-26th April2014

2. Ugandhara Gaikwad , “Greenhouse Effect-Overview” International Conference on Advances in Civil Engineering, 2016, TCET, Mumbai, India ,ISBN : 978-0-9972393-1-7

## **INTERNATIONAL JOURNAL**

1. B J Batliwala, JN Patel, PDPorey, UP Gaikwad, “Economic Analysis for Modernization of Kakrapar Right Bank Main Canal” International journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010 , Issue-8/Volume-1, January 2015

## **Mrs. Harapriya Panda**

### **INTERNATIONAL JOURNALS:**

1. H.Panda, Dr. C.R Mohanty, “Removal of heavy metals ( $\text{Cr}^{6+}$ ) from aqueous solution using industrial waste.” International Journal of Emerging Technology and Advanced Engineering (IJETA, ISSN 2250–2459) Volume 4, Special Issue 4, June 2014. 33-38.
2. H.Panda, S.Sahoo, N. Tiadi, Dr. R.R.Dash, Dr. C.R Mohanty, “*Sorption of hexavalent chromium from synthetic wastewater using dolochar.*” International Journal -Recent Research In Science And Technology 2014, 6(1): 106-110 ISSN: 2076-5061.
3. SanjeetSahoo, Dr. ChittaRanjanMohanty, Harapriya Panda, Rakesh Rosan Dash, “Utilization of industrial waste as a filling material”. International Journal -Recent Research In Science And Technology 2014, 6(1): 101-105 ISSN: 2076-5061.
4. Sonia Ray, Harapriya Panda , Dr. C.R.Mohanty, Dr. P.K.Pradhan, “ Prediction of behavior of soft soil under critical state and its comparison with constitutive model”. (IJRAET, ISSN 2347- 2812) Volume -4, Issue -4, 2016.

### **INTERNATIONAL CONFERENCES:**

1. H.Panda, Dr. C.R Mohanty, “Removal of heavy metals ( $\text{Cr}^{6+}$ ) from aqueous solution using industrial waste”. International Journal of Emerging Technology and Advanced Engineering (IJETA, ISSN 2250–2459).
2. H.Panda, S.Sahoo, N. Tiadi, Dr. R.R.Dash Dr. C.R Mohanty, “Sorption of hexavalent chromium from synthetic wastewater using dolochar”. International Journal -Recent Research In Science And Technology (ISSN: 2076-5061).
3. SanjeetSahoo, Dr. ChittaRanjanMohanty, Harapriya Panda, Rakesh Rosan Dash, “Utilization of industrial waste as a filling material”. International Journal -Recent Research In Science And Technology (ISSN: 2076-5061).

4. Sonia Ray, Harapriya Panda , Dr. C.R.Mohanty, Dr. P.K.Pradhan, “ Prediction of behavior of soft soil under critical state and its comparison with constitutive model”. IJRAET 2016(ISSN 2347-2812).

### **Mrs. Rutuja Shinde**

1. Rutuja Shinde, “Friction losses in Low-Head in Drip Irrigation system For Small Plot holders”, International Journal of Recent Advances in Engineering Technology (ISSN 2347-2812) (IJRAET) Volume 4 Issue 4, 2016
2. Dhawle R.R.,Gore S.L.“Development and Evaluation of Gravity Fed Drip Irrigation”, International Conferences on The Brunt of Recent Changes and Developments in Engineering and Technology, Pune.

#### **Irrigation system For Small Plot holders**

### **Miss. Pratibha Singh**

1. Pratibha.D.Singh, A.R.Kambekar, “Assessing Impact of Sea Level Rise Along the Coastline of Mumbai City Using Geographic Information System” eBook ISBN 978-981-10-2138-1, Understanding Built Environment-Proceedings of the National Conference on Sustainable Built Environment 2015, Springer Singapore

### **Mr. Vinayak S. Bachal**

1. Mr. Vinayak S. Bachal Dr. S.N. Tande “ Effect of shloshing on Analysis And Design of servise Reservoirs” International journal of Engineering Science and Technology (IJEST) ISSN :0975-5462 Vol. 6 No.6 Jun 2014

### **Mr. Ashwini Shanbhag**

1. “Evaluating The Performance Of Hot Mix Asphalt With Reclaimed Asphalt Pavement And Engine Oil As Rejuvenator” Third Conference of Transportation research Group of India held from 17-20<sup>th</sup> December 2015 in Kolkata, India.
2. “An Experimental Investigation Of Physical, Chemical And Rheological Properties Of RAP Modified Asphalt Binder” Fifth International Conference on Geotechnique, Construction Materials and Environment, held from 16-18<sup>th</sup> November 2015 in Osaka, Japan.

### **Mr. Arpit S. Vyas**

1. A.Vyas, H.Subramanyan, "Evaluation of calcined bauxite as a skid resistance material in pavement design", ISBN:978-81-923777-7-3, Vol. II,civil engineering section, Sr. No 18, March'2014.

### **Mrs. Chaitaly Mehta**

1. **Mrs. Chaitaly Mehta**, "Application of Diamond Approach of Project Management" International Journal of Recent Advances in Engineering Technology (ISSN 2347-2812) (IJRAET) Volume 4 Issue 4, 2016
2. **Mrs. Chaitaly Mehta**, "Application of Diamond Approach of Project Management" International Conference on Advances in Civil Engineering, 2016, TCET, Mumbai, India ,ISBN : 978-0-9972393-1-7

### **Mr. Rahul Patil**

1. Mr. Rahul Patil, "Software Approach for RCC Structure Analysis and Design", International Journal of Recent Advances in Engineering Technology (ISSN 2347-2812) (IJRAET) Volume 4 Issue 4, 2016
2. Mr. Rahul Patil, Software Approach for RCC Structure Analysis and Design , International Conference on Advances in Civil Engineering, 2016, TCET, Mumbai, India ,ISBN : 978-0-9972393-1-7

### **Mr. Prashant R. Narayane**

1. Mr.Prashant R.Narayane "Evaluation Of Water Quality Index For Krishna River At Wai, Dist.Satara" ISSN [ONLINE]: 2395-1052, IJSART - Volume 2 Issue 6 –JUNE 2016.
2. Mr. Prashant R. Narayane "Analysis Of Physico-Chemical Properties Of Krishna River Water At Wai Taluka- A Review", ISSN [ONLINE]: 2395-1052, IJSART - Volume 2 Issue 6 –JUNE 2016.
3. Mr. Prashant R. Narayane "Accelerated Level of Phosphates in Krishna River at Wai" ISSN [ONLINE]: 2395-1052, IJSART - Volume 2 Issue 6 –JUNE 2016
4. Mr.Prashant R. Narayane "The Analysis of Physico-Chemical Characteristics of Water in Krishna River at Bhuinj, Satara" E-ISSN: 2349-7610 VOLUME-3, ISSUE-5, MAY-2016 VOLUME-3, ISSUE-5, MAY-2016.

### **Mr.Basweshwar M. Bansode**

1. Basweshwar M. Bansode, P.P Nagrale , "Systemetic approach for Rural Road Network Planning for Upgradation." Indian Road Congress(Paper Submitted )

### **Mr.Ramesh Kadam**

## **INTERNATIONAL CONFERENCES:**

1. Mr.Ramesh Kadam ,“Next Generation Chrome-Android OS hybrid platform” Conference proceeding of MULTICON-W’2016 iccv 2016 in 7th International Conference on Communication, Computing and Virtualization 2016 with ISBN : 978-0988-492-56-1,held at Thakur college of Engineering. Feb-2016
2. Mr.Ramesh Kadam, “Capacitive Equalizer with Battery Maintenance System” Conference proceeding of MULTICON-W’2016 icwet 2016 international conference and workshop on EXTC Conference Proceedings has been published in association with IET 978-0-9972393-0-0 Feb 2016
3. Mr.Ramesh Kadam ,“Battery Monitor and Equalizer” Conference proceeding of ICONECT’15 published in association with IJERT. April 2015

## **INTERNATIONAL JOURNALS:**

1. Mr.Ramesh Kadam “Digital Image Watermarking” Journal of Emerging Technologies and Innovative Research (An International Open Access Journal) Oct 2014
2. Mr.Ramesh Kadam, “Object Detection Using Correlation Technique” Journal of Emerging Technologies and Innovative Research(An International Open Access Journal) Oct 2014