

# Dr.Hansa Jeswani

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## Journals

1. AA Qureshi, H Jeswani Qualitative study on construction project risk Int. J. Eng. Technol. Sci. Res, ISSN 2394 – 3386 Volume 5, Issue 4, 40-48, April 2018
2. M kumar Dubey, H Jeswani Qualitative study on Stressors-Stresses-Absenteeism pattern among Indian construction professionals Int. J. Eng. Technol. Sci. Res ISSN 2394 – 3386 Volume 5, Issue 4, 77-83, April 2018
3. Jeswani H., Mukherji S., 2015. Treatment of simulated biomass gasification wastewater of varying strength in a three stage rotating biological contactor, Chemical Engineering Journal,259, 303-312.
4. Jeswani H., Mukherji S., 2015. Comparison of Acute Toxicity of Algal Metabolites Using Bioluminescence Inhibition Assay, Nirma University journal of engineering and technology vol. 3, no. 1, July-Dec 2014 .
5. H.S .Jeswani, N. Oke, P. Choksi, A. Naik. Use of Pervious Concrete as Gravity Filter. Transactions of American society for Water Quality and agriculture engineers, 2014 - [elibrary.asabe.org](http://elibrary.asabe.org), doi:10.13031/wtcw.2014-019
6. H Jeswani, S Mukherji Batch studies with *Exiguobacterium aurantiacum* degrading structurally diverse organic compounds and its potential for treatment of biomass gasification wastewater International Biodeterioration & Biodegradation, Vol 80, 1-9, 2013
7. Jeswani H., Mukherji S., 2012. Degradation of Phenolics, Nitrogen-Heterocyclics and Polynuclear Aromatic Hydrocarbons in a Rotating Biological Contactor, Bioresource Technology. 111, 12-20.
8. Jeswani Hansa, Suparna Mukherji .2016.Treatment of Biomass Gasifier Wastewater in Rotating biological contactor. The Indian Journal of Technical Education, 1-7; ISSN 0971-3034, Volume 32 (Impact factor 1.9)

## Conferences

1. Kochar Arati, Jeswani Hansa“Planning a sustainable development of Existing Village” 2nd International Conference on Recent Challenges in Engineering and Technology (ICRCET-17)
2. Kulkarni Pranav, Ali Akbar Bohra, Dighe Sachin, Desai Bhargav“Design and modelling of the perpetual pavement” 13th Transportation Planning and Implementation

Methodologies for Developing Countries, TPMDC 2016, 10-12 December 2016, Mumbai, India

3. Jeswani Hansa, Adwait Apte, Kashikar Parineeta, Kamat Sudhanshu, Madhusudan Kamat "Use of Kitchen Waste for Generation of Biogas", Utilisation and Management of Bioresources - Proceedings of 6th Icon SWM 2016, Jadhavpur University, 25<sup>th</sup> November- 28<sup>th</sup> November 2017.
4. Ghosh, Oshmi; Jeswani, Hansa, "Sustainable Industrial Waste Water Management for Industrial development cooperation in Thane Region, Maharashtra" 13th IWA Specialized Conference on Small Water and Wastewater Systems & 5th IWA Specialized Conference on Resources-Oriented Sanitation, Volume 1, p.p 1-6, Athens, Greece, 13-17 September 2016.
5. Jeswani Hansa, "Water loss prevention by techno-economic use of rainwater and wastewater for non-potable purpose" IWA Waterloss2016 Conference, Volume6, p.p. 82-84, Bengaluru, India, 31<sup>st</sup> Jan-3<sup>rd</sup> Feb 2016.
6. Jeswani Hansa, Pranav Kulkarni, Ali Akbar Bohra, "Techno-economic evaluation for re-designing existing hospital building to a sustainable structure" Proceedings of Third International Conference on Advances In Civil, Structural and Environmental Engineering, **DOI:** 10.15224/978-1-63248-065-1-94, **Page(s):** 132 – 136, Zurich, Switzerland, 10-11 October, 2015
7. Khelurkar, Nikunj; Shah, Sunay; Jeswani, Hansa, "A review of radioactive waste management," Technologies for Sustainable Development (ICTSD), 2015 International Conference on , vol., no., pp.1,6, 4-6 Feb. 2015; doi:10.1109/ICTSD.2015.7095849
8. Tayde, Prashant; Shastri, Chaitanya; Shah, Bhoomi; Sankpal, Nitesh; Asabe, Nitin; Jeswani, Hansa, "Use of sullage for non-potable purpose," Technologies for Sustainable Development (ICTSD), 2015 International Conference on , vol., no., pp.1,5, 4-6 Feb. 2015doi:10.1109/ICTSD.2015.7095868
9. H. Jeswani, Ninad Oke, Parth Choksi, Rumana Sayyed, Amey Naik 2014. Use of Pervious concrete for filtration. 21<sup>st</sup> Century Watershed conference, University of Waikato, Hamilton New Zealand, Oral Presentation, 3<sup>rd</sup>-7<sup>th</sup> November 2014.
10. Jeswani H, Mukherji S 2014. Biological treatment of biomass gasification wastewater. 2<sup>nd</sup> IWA Specialized conference- Ecotechnologies for Wastewater Treatment- EcoSTP, held in Verona, Italy 23<sup>rd</sup> -27<sup>th</sup> June 2014 (**Best Paper Award**)

11. Mukherji, S., A. Chavan and H. Jeswani, "Algal Bacterial Biofilm in Rotating Biological Contactor for Removal of Organic Contaminants from Wastewater: Advantages and Challenges" International Conference on Algal Biorefinery: A Potential source of Food, Biochemicals, Biofuels and Biofertilizers (ICAB 2012), IIT Kharagpur, India, 10<sup>th</sup> - 12<sup>th</sup> Jan, 2013. Oral presentation, Abstract No. ICAB F090Q
12. Jeswani H, B Sawant, A. Sengupta, A, Sarkar, A., Haldankar, M, Borole, K. Techno-economic evaluation for reuse of wastewater and rainwater, Heraklion, Greece, 23-25<sup>th</sup> March, 2012.
13. Madhav, V. D. Panchratna, H. Jeswani, V. Sethi, S. Mahajani, D. Giammar and J. Fortner and S. Mukherji "Gas Cleaning and Wastewater Treatment for Small Scale Gasification Systems" 4<sup>th</sup> International Symposium on Energy and Environment: Abundant, Clean, Cost Effective Systems for Sustainability, Dec 9<sup>th</sup>-12<sup>th</sup>, 2012. Poster Presentation.
14. Jeswani, H. and Mukherji, S., "Treatment of simulated biomass gasification wastewater using an algal-bacterial system", International conference on "Ecotechnologies for Wastewater Treatment", Santiago de Compostela, Spain, organized by University of Santiago de Compostela, Santiago de Compostela, Spain and International Water Association, 25-27<sup>th</sup> June 2012. (Won the best poster award)
15. B Bhatti, R Mehta, V. Panchal, A Qureshi, H Sohu, H Jeswani. 2012. Techno-economic analysis for the re-design of an existing structure to a sustainable structure, AARCV, 21-23<sup>rd</sup> June, 2012, Bangalore, India.
16. Mukherji, S. and Jeswani, H., "Treatment of biomass gasifier wastewater in a rotating biological contactor" International conference on "Processes in Biofilms", Shanghai, China, organized by Tongji University, Shanghai, China and International Water Association, 27-30<sup>th</sup> Oct, 2011.
17. Jeswani, H. and Mukherji, S., "Treatment of biomass gasifier wastewater in bench-scale bioreactors by waste activated sludge and *Exiguobacterium aurantiacum*" International conference on "Microbes in Wastewater Treatment", Goa, India, organized by BITS Pilani, Goa, India and International Water Association, 24-26<sup>th</sup> Jan, 2011.
18. Jeswani H., Mukherji S., Treatment of Biomass Gasifier Wastewater in Bench-Scale Bioreactors by Waste Activated Sludge and *Exiguobacterium aurantiacum*, MWT 2011, Jan 26-29, 2011.
19. Jeswani, H. Treatment of Wastewater from the Gujarat Industrial Development Cooperation Estate, Ankleshwar, Gujarat Using Two Step Biological Processes, Proceedings., IGC 2006. 1<sup>st</sup>-3<sup>rd</sup> of Feb, 2006.
20. Ninad Oke, Parth Choksi, Rumana Sayyed, Nikita Mahapatra and Hansa Jeswani A review on use of pervious concrete as a rapid gravity filter and for storm water management, 4<sup>th</sup> National conference on environment and biodiversity, Pune, 4-5<sup>th</sup> October 2013.

21. Kishan Pai, Gyanprakash Sharma, Hansa Jeswani. 2012. Solution: Nuclear waste disposal India. Racee 2012, NIT, Rourkela, held on 20-21, 2012.
22. Kishan Pai, Gyanprakash Sharma, Hansa Jeswani. 2012. Solid Waste Management in Mumbai. Racee 2012, NIT, Rourkela, held on 20-21, 2012.
23. Jeswani H., Mukherji S. 2012 Comparison of Acute Toxicity of Algal Metabolites Using Bioluminescence Inhibition Assay, Proceedings of 27th National Convention of Environmental Engineers, organized by Institution of Engineers, Mangalore, held on 24-25 January, 2012
24. Jeswani H., Mukherji S. 2010. Comparison of coal gasifier and biomass gasifier wastewater. Proceedings, Enviroenergy 2010, 27-29th November, 2010.
25. Jeswani H., Mukherji S. 2009. Feasibility Study for Treatment of Gasification Wastewater Using an Algal – Bacterial System. Proceedings, NUCONE 2009, 27-29th November, 2010.
26. Jeswani, H., 2008., Advance Wastewater Treatment For Economical Non Potable Reuse SWRDAM 2008.
27. Bhosale, S., Sawant, P., Shrivastav, P., Jeswani, H. 2008. Bio-Composting of Distillery Waste to Save Fresh Water. Proceedings, SWRDAM 2008.
28. Bhoir R., Sawant P., Jeswani, H. 2008. Wastewater Management : An Overview. SWRDAM 2008.
29. Zope, P., Sawant P., Jeswani, H. 2008. Design Criteria, Protocol and Selection of Model for Urban Storm Water Management, Proceedings, SWRDAM 2008.
30. Zope, P., Sawant P., Jeswani, H. 2008. Pollution Prevention in Urban Storm Water Management, Proceedings, SWRDAM 2008.
31. Rao, C., Sawant P., Jeswani, H. 2008 Review of Wastewater Management in Fertilizer Industry, SWRDAM, 2008.