

Publications in Year 2013 - 2014

S. No.	Title	Author(s)	Reference
1.	Pine needle - An Evaluation of Pulp and Paper making Potential	Lal, Priti S., Bist, Vimlesh and Sharma, Arvind	Journal of Forest Product & Industries, 2013,2 (3), 42 - 47
2.	Improved Papermaking of Recycled fibres through Fibre Modification with Enzymes	Jain, R. K., Gupta, Chetna., Dharmendra Kumar, Thakur, Vasanta V. and Mathur, R. M.	Inpaper India, 2013, 16 (3)
3.	Raw Material Selection for Pulping and Papermaking using TOPSIS Multiple Criteria Decision Making Design	Kumar Anupam., Lal, Priti S., Bist, Vimlesh., Sharma, Arvind and Swaroop, Vinay	Journal of Environmental Progress & Sustainable Energy, DOI 10.1002/ep, August2013
4.	Utilization of Soda ash in pulping and bleaching operation as a substitution or partial replacement of sodium hydroxide	Lal, Priti S., Bist, Vimlesh., Sharma, Arvind and Swaroop, Vinay	Journal of Forest Products & Industries, 2 (5), 5-12, September 2013
5.	Prediction of Base Paper and Pigment Size Characteristics on Properties of Coated Papers	Tyagi, Sanjay., Thapliyal, B. P., Kaushik, Prachi and Mathur, R. M.	Proceedings of 11 th International Technical Conference on Pulp, Paper Conversion and Allied Industries, 181-190, 2013
6.	Stickies Audit in Recycled Mills-CPPRI'S Approach	Tandon. Rita., Negi, S. D., Goley, Pankaj Kumar, Arvind Kumar and Mathur, R. M.	IPPTA, Vol.25(3), 2013
7.	Waste Paper Collection Mechanism In India - Current Status & Future Requirement	Tandon. Rita., Negi. S. D. and Mathur, R. M.	IPPTA, Vol. 25 (3). 2013
8.	Increased Delignification Rate of Dendrocalamus Strictus (Roxburgh) ness by Schizophyllum commune Fr.; Fr. to Reduce Chemical Consumption during Pulping, Songklanakarin	Saini, Vipin Kumar., Naithani, Sanjay., Thapliyal, B. P. and Gupta, Richa	Journal of Science and Technology, 35(4) 415-4209, 2013
9.	Role of Natural Additives to improve Fibre-Fibre Bonding Potential of Papermaking Furnishes	Tandon, Rita., Negi, S. D. and Mathur, R. M.	Proceedings of 11 th International Technical Conference on Global Pulp and Paper Industries: Problems and Prospects, October 24-26, 2013, New Delhi
10.	A Review on Developments in Paper Machine Clothing for Achieving Higher Energy Savings.	Tyagi, Sanjay., Thapliyal, B. P and Mathur, R. M.	IPPTA, November, 2013
11.	Status of Indian Paper Industry,	Mathur, R. M., Bist, V., Panwar, S. and Thapliyal, B. P.	Proceedings of 11 th International Technical Conference on Pulp, Paper Conversion and Allied Industries, 2013

12.	Statistical Prediction of Coating Color Formulation with Zirconium Sulphate using Draper - Lawrence Design,	Tyagi, Sanjay and Ray, A. K.	Journal of Scientific Research and Reviews (JSRR), Vol. 2(3), July 2013
13.	Effect of Nano particle Size Zinc Oxide Coating on Optical Properties and Printing Characteristics of Paper	Dutt, Dharam and Tyagi, Sanjay	Proceedings of TAPPI International Conference on Nano Technology for Renewable Materials, June 2013, Stockholm, Sweden
14.	Mill Scale Studies on Bioremediation of Pulp and Paper Mill Effluents for Reduction of Colour and Other Pollutants by Developed Microbial Consortia	Jain, R. K., Thakur, Vasanta V., Dharmendra Kumar, Bhadhoria, Sandeep Singh., Rita Kumar., Dhall, Purnima., Veerendra Kumar, Singh, I. J., Jindal, Sanjay and Mathur, R.M.	Proceedings of 11 th International Technical Conference on Pulp, Paper Conversion and Allied Industries, 2013
15.	Leveraging Carbohydrate Chemistry for Improving Pulp and Paper making Operations,	Dixit, A. K., Thapliyal, B. Rand Mathur, R. M.	Proceedings of International Carbohydrate Conference, Dehradun, January 2014
16.	Waste Paper Collection Mechanism in India-Current Status & Future Requirement	Tandon, Rita, Negi, S. D. and Mathur, R. M.	Paper Mart, Vol.14(5) 2014
17.	IPPTA e-library Portal for Online Access of IPPTA Articles and Publications Guidelines for Accessing the e-library	Thapliyal, B. Rand Mathur, R. M.	IPPTA Golden Jubilee Conference, New Delhi, March 2014

Reports in Year 2013 - 2014

S. No.	Title	Sponsoring Agency
1.	Evaluation of Adverse Impact of High Moisture Content and Fungal Attack in Waste Paper Consignment and Assessment of Deterioration of Strength Properties in the Finished Paper due to Fungal Attack	Pragati Paper Industries Ltd., Mohali
2.	Prefeasibility Study on Opting Elemental chlorine Free (ECF) Bleaching as a Replacement of Conventional Elemental Chlorine (CEPHH) Bleaching	NainiTissues Ltd., Kashipur, Uttarakhnad
3.	Evaluation of Pulp and Paper Making Potential of Imported Hard Wood	J. K. Paper Mill Ltd., Unit JKPM, Rayagada, Orissa
4.	Evaluation of impact of Xyloglucan and Cellulose on OCC furnish for improving strength properties	IndraAgroTech, Mumbai
5.	Evaluation of Deinking Collectors Performance (K-71 & K-102) in Newsprint furnish	Nalco Water India Ltd., Chennai
6.	Evaluation of DSR to Improve Physical Strength Properties of Different Grades of Paper	ION Exchange (India) Ltd, Hyderabad
7.	Training Manual on paper Testing Procedures as per ISO Guidelines	
8.	Development of Revised Form I for Pulp and Paper Sector for Collection of Information under SC Act 2001	

9.	Desilication of Rice Straw Black Liquor at Rakta Paper Mill, Egypt	Rakta Paper Mill, Egypt
10.	Troubleshooting in Chemical Recovery at Harihar Polyfibres Ltd., Karnataka	Metso India Pvt. Ltd.
11.	Troubleshooting in the Chemical Recovery at Century Pulp and Paper Papers Ltd., Lalkuan	Century Pulp and Paper Papers Ltd., Lalkuan
Final Reports of Implementation of CPCB Charter on Water Recycling and Pollution Prevention in Pulp & Paper Industries of Ganga River Basin		
12.	Charter Compliance Reports of following Mills:- 1. Century Pulp and Paper, Lalkuan, U.K. 2. Khatema Fibers Ltd. Khatima, U.K. 3. PN Pulp & Paper Industries, Kiccha, U.K.	CPCB, Delhi
13.	Adequacy Assessment of ETP of following Mills:- 1. Genus Paper Products Ltd., Moradabad, U.P. 2. Aroma Craft & Tissues (P) Ltd., Roorkee, U.K. 3. Uttaranchal Pulp & Paper Mills (P) Ltd., Roorkee, U.K. 4. Shree Shyam Pulp & Board Mills Ltd., Kashipur, U.K. 5. Rama Paper Mills Ltd., Kiratpur, District Bijnor, U.P. 6. Star Paper Mills Ltd., Paper Mill Road, Saharanpur, U.P. 7. Vishvakarma Paper & Boards. Ltd., Kashipur, U.K. 8. Sagar Pulp & Paper Mills Ltd., Village - Mundet, Distt. Haridwar, U.K. 9. Sahota Papers Ltd., Jaspur, U.K. 10. Fibermax Papers Ltd., Kashipur Road, Jaspur, U.K. 11. Silverton Papers Ltd., Muzaffarnagar, U.P. 12. Chadha Papers Ltd., Chadha Estate, District Rampur, U.P.	CPCB, Delhi
14.	Audit Assessment of Hazardous Waste of following Mills:- 1. Century Pulp & Paper, Lalkua, U.K. 2. Siddharth Papers Ltd., Kashipur, U.K. 3. Siddharth Papers Ltd., (Unit-II), Kashipur, U.K. 4. Vishvakarma Paper & Boards, Ltd., Kashipur, U.K.	CPCB, Delhi
15.	Zero Liquid Discharge (ZLD) 1. PSB Papers Ltd., Bajpur, U.K.	CPCB, Delhi
16.	Setting up of Extension Centre at I ICT, Hyderabad	
17.	Non Tax Revenue Fee and User Charges in respect of CPPRI, Saharanpur	