

Publications in Year 2012 - 2013

S. No.	Title	Author(s)	Reference
1.	Validation of Calendaring Models for Coated Papers made from Blend of Agri - residue and Softwood Pulp with Softnip Calendaring Techniques. -	Tyagi, Sanjay and Ray, A. K.	Presented at AIChE (American Institute of Chemical Engineers) Annual Meeting 2012, Pittsburgh, PA, USA, Oct. 28 - 2, 2012
2.	Banana Fibre - An Emerging and Potential Ligno-cellulosic Raw Material for Paper Making	Kumar, Atul., Thakur, Vasanta V., Sharma, A. K., Jain, R. K., Singh, B. P. and Mathur, R. M.	Inpaper International Vol.15 (1), Oct. - Dec. 2012
3.	Biobleaching Application of Cellulase Poor and Alkali Stable Xylanase from Bacillus Pumilus Sv-85s	Nagar, Sushil., Jain, R. K., Thakur, Vasanta V. and Gupta, Vijay Kumar	3 Biotech, DOI 10.1007/S13205-012-0096-Y, October, 2012
4.	Design and Optimization of Ethanol Production from Bagasse Pith Hydrolysate by a Thermotolerant Yeast Kluyveromyces sp. 11PE453 Using Response Surface Methodology	Dasgupta, Diptarka., Suman, Sunil Kumar, Pandey, Diwakar., Ghosh, Debashish., Khan, Rashmi., Agrawal, Deepti., Jain, R. K., Thakur, Vasanta V. and Adhikari, Dilip K.,	Springer Plus, 2013,12:159
5.	Issues Related to Bleaching of Wheat Straw Pulp	Lal, Priti S., Bist, Vimlesh., Sharma, Arvind and Mathur, R. M.	IPPTA Vol 24(3), 2012
6.	Incineration of Black Liquor Mixed with Waste Biomass - An Option to Achieve Zero Black Liquor Discharge in Small Agro Based Paper Mills	Dixit, A. K., Jain, R. K. and Mathur R. M.	IPPTA Vol.24(3), 2012
7.	Innovations & Process Development for Efficient Operation of Chemical Recovery System in Paper Industry	Dixit, A. K., Jain, R. K. and Mathur, R. M.	Proceedings of IPPTA Workshop held at Seshayee Paper & Boards Ltd. Erode (Tamilnadu) on November, 2012
8.	Improved Papermaking of Recycled Fibers through Fiber Modification with Enzymes	Gupta, Chetna., Kumar, Dharmendra., Thakur, Vasanta V., Jain, R. K. and Mathur, R. M.	Proceedings of Technical Conference on "Paper Industry-Strategies for Growth", Coimbatore, November, 2012
9.	Odorous Emissions in Indian Pulp & Paper Industry — Factors Influencing their Generation & Available Control Technologies.	Endlay, Nitin., Mishra, Shivaker., Mohd. Farid., Mohd. Salim., Gupta, M. K.,	Proceedings of National Workshop on Sensory Systems for Environmental Monitoring of Obnoxious Odors and VOCs in Industries, National Institute for

		Panwar, S. and Mathur, R. M.	Environment Engineering & Research (NEERI), Nagpur. February 7 - 8, 2013
10.	Sustainability through Water Conservation in Agro & RCF Based Pulp & Paper Mills — Strategies & Current Trends.	Endlay, Nitin., Mishra, Shivaker., Mohd. Farid., Jain, Kaushambi., Vidyarthi, A. K., Panwar, S. and Mathur, R. M.	Proceedings of Z ^o Paper+ Conference on Paper Industries - Strategies for Growth, November 24, 2012

Reports in Year 2012 - 2013

S. No.	Title	Sponsoring Agency
1.	Quality of Bagasse after Fire	KR Pulp & Papers Ltd., Shahjahanpur, U.P.
2.	Laboratory Pulping and Bleaching Trial of Canadian Wheat Straw (International) -	Prairie Pulp and Paper Inc., Canada
3.	Pulping and Bleaching Evaluation of Coconut Fibers	Indian Institute of Carpet Technology, Bhadoi, M.P.
4.	Pre-feasibility Studies on AKD Sizing of Cotton Linter Pulp	submitted to Security Paper Mill, Hoshangabad, M.P.
5.	Evaluation of Stickies Control Agent	Thermax Ltd., Pune
6.	Stickies profiling at DIP-3 & P/M-3	Emami Paper Mill, Balasore, Orissa
7.	Evaluation of Deinking Chemical	India Glycols Ltd., Noida, U.P.
8.	Evaluation of Stickies Control Agent	India Glycols Ltd., Noida, U.P.
9.	Interim Progress report of Implementation of CPCB Charter on Water Recycling and Pollution Prevention in Pulp & Paper Industries of Ganga River Basin	CPCB, Delhi

10.	<p>Evaluation Report of the ETP Adequacy Report and Upgradation, Water Conservation and Tertiary Treatment Options Plan submitted by following mills under CPCB Charter:</p> <ol style="list-style-type: none"> 1. Banwari Paper Mills Ltd., Kashipur, U.K. 2. B. R. Papers Pvt. Ltd., Kashipur, U.K. 3. Cheema Papers Ltd., Kashipur, U.K. 4. Dev Rishi Papers Pvt. Ltd., Kashipur, U.K. 5. Fibremarx Paper Ltd., Kashipur, U.K. 6. Goraya Straw Board Mills (P) Ltd., Kashipur, U.K. 7. Katyayini Paper Mills (P) Ltd., Kashipur, U.K. 8. Multiwal Pulp and Board Mills (P) Ltd., Kashipur, U.K. 9. Multiwal Duplex Pvt. Ltd. Kashipur, U.K. 10. Naini Papers Ltd., Kashipur, U.K. 11. Naini Tissues Ltd., Kashipur, U.K. 12. Prolific Papers Pvt. Ltd., Kashipur, U.K. 13. PSB Papers Ltd., Bajpur, U.K. 14. Sahota Papers Ltd., Kashipur, U.K. 15. Sidharth Papers Ltd. (Unit-I), Kashipur, U.K. 16. Sidharth Papers Ltd. (Unit-II), Kashipur, U.K. 17. Siddheshwari Paper Udyog Ltd., Kashipur, U.K. 18. Shree Shyam Pulp and Board Mills Ltd. (Unit-I), Kashipur, U.K. 19. Shree Shyam Pulp and Board Mills Ltd. (Unit-II), Kashipur, U.K. 20. Uday Paper Mills, Bajpur, Uttrakhand 21. Visvakarma Paper and Board Ltd., Kashipur, U.K. 22. Vishwanath Paper and Boards Ltd., Kashipur, U.K. 23. Aroma Papers Ltd., Roorkee, U.K. 24. Gangotri Papers Ltd.,Roorkee,U.K. 25. Sagar Paper Mills Pvt. Ltd., Roorkee, U.K. 26. Sagar Pulp and Paper, Roorkee, U.K. 27. Uttranchal Pulp and Papers Pvt. Ltd., Roorkee, U.K. 28. Century Pulp & Paper, Lalkuan, U.K. 29. R N. Papers (P) Ltd., Kiccha, Uttrakhand 30. Khatima Fibres Ltd., Khatima, U.K. 31. Arihant Paper Mills Ltd., Muzaffarnagar, U.P. 32. Aggarwal Duplex Boards Ltd., Muzaffarnagar, U.P. 33. Bindal Papers Ltd., Muzaffarnagar, U.P. 34. Bindlas Duplux Ltd., (Unit — I), Muzaffarnagar, U.P. 35. Bindlas Duplux Ltd., (Unit — II), Muzaffarnagar, U.P. 36. Bhageshwari Papers Ltd., (Unit— I), Muzaffarnagar, U.P. 37. Bhageshwari Papers Ltd., (Unit— II), Muzaffarnagar, U.P. 38. Garg Duplex & Board Ltd., Muzaffarnagar, U.P. 39. Galaxy Boards (P) Ltd., Muzaffarnagar, U.P. 40. K K Duplex (P) Ltd Muzaffarnagar, U.P. 41. Mahaluxmi Crafts and Tissues (P) Ltd Muzaffarnagar U.P. 42. Orient Paper Mills Ltd., Muzaffarnagar, U.P. 43. Parijat Paper Mills Ltd., Muzaffarnagar U.P. 44. Rana Papers Ltd Muzaffarnagar U.P. 45. Royal India Papers (P) Ltd., Muzaffarnagar, U.P. 46. Siddhballi Papers Ltd., Muzaffarnagar, U.P. 	CPCB, Delhi
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	<ol style="list-style-type: none"> 47. Silverton Papers Ltd., Muzaffarnagar, U.P. 48. Silverton Pulp and Papers Ltd., Muzaffarnagar, U.P. 49. Siddeshwari Paper Mills (P) Ltd., Muzaffarnagar, U.P. 50. Shakumbri Paper Mills (P) Ltd., Muzaffarnagar, U.P. 51. Shakti Krafts, Muzaffarnagar, U.P. 52. Shalimar Paper Mills (P) Ltd., Muzaffarnagar, U.P. 53. Suyash Paper Mills (P) Ltd., Muzaffarnagar, U.P. 54. Tehri Pulp and Papers Ltd. (Unit — I), Muzaffarnagar, U.P. 55. Tehri Pulp and Papers Ltd. (Unit— II), Muzaffarnagar, U.P. 56. Tirupati Balaji Fibers Ltd., Muzaffarnagar, U.P. 57. Taj Paper Mills (P) Ltd., Muzaffarnagar, U.P. 58. Anand Duplex Ltd., Meerut, U.P. 59. Anand Triplex Ltd., Meerut, U.P. 60. Anand Tissues Ltd., Meerut, U.P. 61. Bonanza Paper Ltd., Meewt, U.P. 62. Devpriya Industries Ltd.,Meerut, U.P. 63. Devpriya Product Ltd., (Unit — I), Meerut, U.P. 64. Devpriya Fibers Ltd., Meerut, U.R 65. Janki Newsprint Pvt. Ltd., Meerut, U.P. 66. Paswara Paper Mills Ltd.,Meerut, U.P. 67. Sardhana Papers, Meerut, U.P. 68. Sumit Agro, Meewt, U.P. 69. Sangal Paper Mills, Meerut, U.P. 70. Genus Paper Mill, Moradabad, U.P. 71. Ramchandra Straw Board, Moradabad, U.P. 72. Shakumbhari Paper Mill (Unit - I), Moradabad, U.P. 73. Shakumbhari Paper Mill (Unit - II), Moradabad, U.P. 74. Shakumbhari Paper Mill (Unit- III), Moradabad, U.P. 	
11.	<p>CPCB Charter Compliance Progress Report of following mills:</p> <ol style="list-style-type: none"> 1. Banwari Paper Mills Ltd., Kashipur, U.K. 2. B.R.Papers Pvt. Ltd., Kashipur, U.K. 3. Banwari Paper Mills Ltd., Kashipur, U.K. 4. Cheema Papers Ltd., Kashipur, U.K. 5. Dev Rishi Papers Pvt. Ltd., Kashipur, U.K. 6. Fibremarx Paper Ltd., Kashipur, U.K. 7. Goraya Straw Board Mills (P) Ltd., Kashipur, U.K. 8. Katyayini Paper Mills (P) Ltd., Kashipur, Uttrakhand 9. Multiwal Pulp & Board Mills (P) Ltd., Kashipur, U.K. 10. Multiwal Duplex Pvt. Ltd., Kashipur, U.K. 11. Naini Papers Ltd., Kashipur, U.K. 12. Naini Tissues Ltd., Kashipur, U.K. 13. Prolific Papers Pvt. Ltd., Kashipur, U.K. 14. PSB Papers Ltd., Bajpur, U.K. 15. Sahota Papers Ltd., Kashipur, U.K. 16. Sidharth Papers Ltd. (Unit - I), Kashipur, U.K. 17. Sidharth Papers Ltd. (Unit - II), Kashipur, U.K. 18. Siddheshwari Paper Udyog Ltd., Kashipur, Uttrakhand 19. Shree Shyam Pulp and Board Mills Ltd. (Unit—i), Kashipur, U.K. 20. Shree Shyam Pulp and Board Mills Ltd. (Unit —2), 	CPCB, Delhi

Kashipur, U.K.

21. Uday Paper Mills, Bajpur, U.K.
22. Visvakarma Paper and Board Ltd., Kashipur, U.K.
23. Vishwanath Paper and Boards Ltd., Kashipur, U.K.
24. Aroma Papers Ltd., Roorkee, U.K.
25. Gangotri Papers Ltd., Roorkee, U.K.
26. Sagar Paper Mills Pvt. Ltd., Roorkee, U.K.
27. Sagar Pulp and Paper, Roorkee, U.K.
28. Uttranchal Pulp and Papers Pvt. Ltd., Roorkee, U.K.
29. Century Pulp & Paper, Lalkuan, U.K.
30. RN.Papers(P) Ltd., Kiccha. U.K.
31. Khatima Fibres Ltd., Khatima, U.K.
32. Arihant Paper Mills Ltd., Muzaffarnagar, U.P.
33. Aggarwal Duplex Boards Ltd., Muzaffarnagar, U.P.
34. Bindal Papers Ltd., Muzaffarnagar, U.P.
35. Bindlas Duplux Ltd. (Unit — I), Muzaffarnagar, U.P.
36. Bindlas Duplux Ltd. (Unit — II), Muzaffarnagar, U.P.
37. Bhageshwari Papers Ltd. (Unit — I), Muzaffarnagar, U.P.
38. Bhageshwari Papers Ltd. (Unit — II), Muzaffarnagar, U.P.
39. Garg Duplex and Board Ltd., Muzaffarnagar, U.P.
40. Galaxy Boards (P) Ltd., Muzaffarnagar, U.P.
41. K. K. Duplex (P) Ltd., Muzaffarnagar, U.P.
42. Mahaluxmi Crafts and Tissues (P) Ltd., Muzaffarnagar, U.P.
43. Orient Paper Mills Ltd., Muzaffarnagar, U.P.
44. Parijat Paper Mills Ltd., Muzaffarnagar, U.P.
45. Rana Papers Ltd., Muzaffarnagar, U.P.
46. Royal India Papers (P) Ltd., Muzaffarnagar, U.P.
47. Siddhballi Papers Ltd., Muzaffarnagar, U.P.
48. Silverton Papers Ltd., Muzaffarnagar, U.P.
49. Silverton Pulp and Papers Ltd., Muzaffarnagar, U.P.
50. Siddeshwari Paper Mills (P) Ltd., Muzaffarnagar, U.P.
51. Shakumbri Paper Mills (P) Ltd., Muzaffarnagar, U.P.
52. Shakti Krafts, Muzaffarnagar, U.P.
53. Shalimar Paper Mills (P) Ltd., Muzaffarnagar, U.P.
54. Suyash Paper Mills (P) Ltd., Muzaffarnagar, U.P.
55. Tehri Pulp and Papers Ltd. (Unit — I), Muzaffarnagar, U.P.
56. Tehri Pulp and Papers Ltd. (Unit — II), Muzaffarnagar, U.P.
57. Tirupati Balaji Fibers Ltd., Muzaffarnagar, U.P.
58. Taj Paper Mills (P) Ltd., Muzaffarnagar, U.P.
59. Anand Duplex Ltd., Meerut, U.P.
60. Anand Triplex Ltd., Meerut, U.P.
61. Anand Tissues Ltd., Meerut, U.P.
62. Bonanza Paper Ltd., Meerut, U.P.
63. Devpriya Industries Ltd., Meerut, U.P.
64. Devpriya Product Ltd., (Unit—I) Meerut, U.P.
65. Devpriya Fibers Ltd., Meerut, U.P.
66. Janki Newsprint Pvt Ltd., Meerut, U.P.
67. Paswara Paper Mills Ltd., Meerut, U.P.
68. Sardhana Papers, Meerut, U.P.

	69. Sumit Agro, Meerut, U.P. 70. Sangal Paper Mills, Meerut, U.P. 71. Genus Paper Mill, Moradabad, U.P. 72. Ramchandra Straw Board, Moradabad, U.P. 73. Shakumbhari Paper Mill (Unit - I), Moradabad, U.P. 74. Shakumbhari Paper Mill (Unit - II), Moradabad, U.P. 75. Shakumbhari Paper Mill (Unit - III), Moradabad, U.P.	
12.	Adequacy Assessment of ETP	1. Magnum Ventures Ltd., Ghaziabad, U.P. 2. Sandeep Papers Ltd., Noida, U.P. 3. Emami Paper Mill, Balasore, Orissa.
13.	Water Audit	1. Magnum Ventures Ltd., Ghaziabad, U.P. 2. Emami Paper Mill, Balasore, Orissa
14.	Audit Assessment of Hazardous Waste	Century Pulp & Paper, Lalkuan, U.K.
15.	Evaluation of Xylanases and Laccases at Pilot and Mill Scale in Pulp & Paper Industry.	
16.	Fiber Modification with Enzymes	
17.	Evaluation of Amber Gum Industries Deinking Enzyme on Newsprint	Emami Paper Mills Ltd.
18.	Enzymatic Refining of Cotton Comber and Linter Pulps	
19.	Enzymatic Refining of Bamboo PuiPs received	Cachar and Nagaon Paper Mills
20.	Production of High Alpha Cellulose Pulps from Bagasse (Interim report)	
21.	Identification of Reasons for Low Productivity and Suggested Measures for Improved Productivity	HPC Nagaon Paper Mills Ltd.
22.	Identification of Reasons for Low Productivity and Suggested Measures for Improved Productivity	HPC- Cachar Paper Mills Ltd.
23.	Draft report on Up-gradation and Setting up of IT Infrastructure at CPPRI Campus, Saharanpur	DIPP, Ministry of Commerce & Industry, New Delhi