

LIST OF PUBLICATIONS

1. Preeti Nandkumar, Sumita Nair, Madhu Chandrakar ;(2016) – ‘A review on the Methods available for removal of cadmium: with special reference to electroplating Industrial waste water’- International Research Journal of Environmental Sciences, Vol,5(10),Pg.61-66 Oct 2016.
2. Preeti Nandkumar, Sumita Nair ;(2016) –‘ Alkaline pulping and the pulp and paper making characteristics of Ipomoea Carnea’- Journal of science & Engineering Education, Vol-1, Page 34-38, 2016.
3. Preeti Nandkumar, Sumita Nair; (2015) ‘Separation and characterization of vanillin based on the analysis of Soda lignin from Ipomoea Carnea’- *International Journal of Emerging Technology and Advanced Engineering* , Volume 5, Issue 7, pp 419-422 July 2015.
4. Preeti Nandkumar, Sumita Nair ; (2015) ‘Nano Cellulose-A Bionano material from lignocellulosic Biomass’- *Emerging trends in Chemical Engineering*, Volume 2, Issue 2 pp 15-21, Sep 2015..
5. Preeti Nandkumar, Sumita Nair; (2013), ‘Environmental carbon trading scenario in India: A Global issue of 21st Century: A Review’- *International Journal of Advancements in Research & Technology*, pp.110-118, Volume 2, Issue 9, Sep 2013.
6. Preeti Nandkumar; (2011), ‘Studies on the chemical constituents and the pulp and paper making characteristics of Ipomoea carnea jacq’- *Oriental Journal of Chemistry* Pg.149-154,. Vol.27, No (1), Jan 2011.
7. Preeti Nandkumar ; (2011), ‘Comparative Study between soda Lignin and soda Anthraquinone lignin in terms of Physiochemical Properties of Ipomoea Carnea’- *International journal of chemical environmental and pharmaceutical research*, Vol. 2, No.1, 26-29. Jan-April 2011.
8. Preeti Nandkumar; (2010) ‘Chemical Constituents and the pulp and paper making characteristics of ipomoea carnea jacq’- *International journal of synthesis and characterization*, 3(2), pp.61-65, July-Dec 2010.
9. Preeti Nandkumar; (2009), ‘Pulp blending and its effects on the strength properties of Ipomoea carnea Jacq’ . *Journal of Environmental Research and Development*. Vol.3., No.4. April-June 2009.
10. Preeti Nandkumar;(2009). ‘Lignin from soda liquor and soda anthraquinone liquor of Ipomoea carnea Jacq’- *Australian Journal of Basic and Applied Sciences*, 3(2): 474-476,
11. Preeti Nandkumar; (2009), ‘Effects of Pulp Blending on Strength properties of Ipomoea carnea Jacq’- *Asian Journal of Chemistry* Vol. 21, No. 6 (2009), 4571-4576.
12. Preeti Nandkumar; (2008) Pollution load from the effluent generated during pulping process in paper industry – *Indian journal of Environmental Protection*. IJEP 28 (11):1003-1006, Nov.2008.
13. Preeti Nandkumar;(2008), Accelerating delignification of Ipomoea carnea Jacq using Chemical additives – *International journal of chemical Sciences*, Int.J.Chem.Sci:6(2), 1000-1006, May 2008
14. Preeti Nandkumar;(2008) Studies on the effluent generated during the pulping processes in paper industry- *Current world Environment*, Vol 3(1) 189-193, May 2008.
15. Preeti Nair, R.N.Shukla, (2005), Studies on the effect of Quinone Additives in Ipomoea carnea Jacq pulping – *Applied Sciences Periodical*, Vol.VII, No.2 May 2005.

16. Preeti Nair, R.N.Shukla, (2004), Ipomoea carnea Jacq –A promising non wood source for pulp and paper making- *Indian J.Applied and Pure Biology, Vol.19 (2):189-195, 2004.*
17. Preeti Nair, R.N.Shukla, (2003), Studies of the paper making potential of Ipomoea carnea Jacq – *Journal of Current sciences., J.Curr.Sci, 3(2): 359-364, 2003.*
18. Preeti Nair, R.N.Shukla, (2002), Studies of the effect of quinone additives on the effluent discharge from paper industry – *Indian journal of environmental protection, IJEP 22(11): 1286-1288, Nov 2002.*
19. Preeti Nair, R.N.Shukla, (2002), Proximate chemical analysis of Ipomoea Carnea Jacq – *Applied Science Periodical, Vol. IV No.4, Pg 197-199 Nov.2002.*
20. Preeti Nair, R.N.Shukla, (2002), Kinetic studies of prehydrolysis of Ipomoea Carnea Jacq – *Oriental Journal of Chemistry. Vol.18 (1), 143-146 (2002).*

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NATIONAL / INTERNATIONAL CONFERENCES:

1. “A Review on the methods available for the removal of cadmium with special reference to electroplating waste water in National Conference on advances in Pollution control and Remediation in Bhilai institute of Technology, on February 20-21, 2015.
2. “Analysis of soda lignin and its separation and characterization of vanillin” in International conference on advances in chemical engineering on April 5-6, 2013 at National Institute of Technology, Raipur
3. “Environmental carbon trading scenario in India: A global issue of 21 st century” “Shaastrath-2013” An International conference held on 8,9 February 2013 at Rungta College of Engineering and Technology, Bhilai.
4. Biopulping & Biobleaching : An energy and environment saving technology for indian pulp and paper industry. in National Conference AICON ,Chattrapati shivaji Institute of Technology, Durg, 2012
5. “Studies on awareness, barriers and implement ability of energy technologies in paper industry”, National Conference AICON ,Chattrapati shivaji Institute of Technology, Durg, 2011.
6. “Water and its conservation in Paper Industry” National Conference BITCON, Bhilai Institute of Technology, Durg, 2008.
7. “Chemical additives for the delignification of lignin”-A National level Technical Conference Techno vision, Shri Shankaracharya College of engineering and technology, Bhilai. 2007.
8. “Better living through sustainable green chemistry”- A National level Technical Conference Techno vision, Shri Shankaracharya College of engineering and technology, Bhilai. 2007.
9. “Pollution prevention strategies for Paper manufacturing” in National conference National conference on Environmental challenges and the remedial techniques .BITCON, Bhilai Institute of Technology, Durg 2007.
10. “Energy efficiency in Pulp and Paper industry” in National conference on recent trends and breakthrough development BITCON, Bhilai Institute of Technology, Durg 2007.

11. "Toxic effluents from Pulp and Paper industry"-All India Seminar on catalyzing Vision 2020,N.I.T.,Rourkela,January 2007.
12. "Air pollution by Automobile Exhaust" – TECHNOLGIA, A National level technical Paper Contest, M.P.Christian college of engineering and technology,Bhilai, February 2005.
13. "Pulp mill Pollution control" in National Seminar on Environmental Pollution, B.I.T, October 2004.
14. "Energy saving and environmentally friendly technology"-RDH in Technolgia, A National level technical Paper Contest, M.P.Christian college of engineering and technology, Bhilai, March 2002.
15. "Effluent characteristics and its treatment with metal coagulation" in International congress of chemistry and environment-ICCE,Indore, December 2001.
16. "Vanillin from saw dust " in XIV, M.P Young Scientist Congress, Bhopal, Nov 1999.
17. "Utilization of solid waste from Rayon grade Pulp industries" National seminar on waste management at Samrat Ashok Technological Institute, Vidisha, October 1999.
18. "Rubber and effluents from Rubber processing unit" in National seminar on waste management at S.A.T.I., Vidisha, October 1999.