

Conference papers

1. **Kumar, A.**, Jha, M.K., Kumar, V., Jeong, J., Lee, J.C., “Solvent extraction: A potential tool for the separation of metals from leach liquor of electronic scraps”, Proceedings of the XI International seminar on Mineral Processing Technology (MPT 2010), NML Jamshedpur, Vol II, pp 905-912.
2. **Kumar, A.**, Jha, M.K., Kumar, V., Lee, J.C., “Hydrometallurgical process for the recycling of metals from the waste printed circuit boards (PCBs)”, In proceeding 48th National Metallurgist Day & 64th Annual Technical Meeting, Non Ferrous Metallurgy, National Science Complex Indian Institute of Science, Bangalore, 14 to 16 Nov 2010, 71.
3. Jha, M.K., **Kumar, A.**, Kumar, V., Lee, J.C., “Prospective scenario of e-waste recycling in India”, In proceedings: 140th TMS annual Meeting & Exhibition In proceeding of EPO, Electronic waste and Battery Recycling, The second symposium on the Recycling of Electronic Waste, San Diego convention centre, San Diego California USA, February 27 to March 3, 2011 pp 73-80.
4. **Kumar, A.** and R. Prasad “Diesel soot oxidation by spinel based MCO_2O_4 (M=Cu, Ni) catalysts” in International Conference on Advances in Chemical Engineering at NIT Raipur Page No. 45
5. R. Prasad, **A. Kumar**, A. Mishra, Kinetics of Diesel Soot Oxidation over $K_{0.3}La_{0.7}ZnO_y$ Catalysts, In Proceedings: 66th Annual Session of Indian Institute of Chemical Engineers, Chemcon 2013, Institute of Chemical Technology, Mumbai, 27-30 December 2013
6. R. Prasad, **Abhishek Kumar**, Anupama Mishra, Potash Substituted Mixed Metal (La-Zn) Oxide Catalysts for Diesel Soot, In Proceedings: International Conference on Advances in Science & Technology (ICAST, 2014), February 15-16 2014 at Pattaya, Thailand
7. **Kumar, A.** and R. Prasad, Diesel soot oxidation by spinel based MCO_2O_4 catalyst, presented in ECMA 2014 to held at Delhi 12-13 November.

Journal papers

1. R. Prasad, Abhishek Kumar, Anupama Mishra, Potash Substituted Mixed Metal (La-Zn) Oxide Catalysts for Diesel Soot Oxidation, International Journal of Advances in Science and Technology (IJAST), 125-130, ICAST(2014) special issue, ISSN 2348-5426,
2. Ram Prasad, Abhishek Kumar, Anupama Mishra, Isothermal Kinetics of Diesel Soot Oxidation over $La_{0.7} K_{0.3}ZnO_y$ Catalysts, Bulletin of Chemical Reaction Engineering & Catalysis (BCREC), 9(3), 2014, 192-200

Book Published

1. Ram Prasad, **Kumar Abhishek**, Catalytic Abatement of Diesel Soot Emissions: Green revolution on wheels, paperback-July 2 2014, LAP LAMBERT Academic Publishing