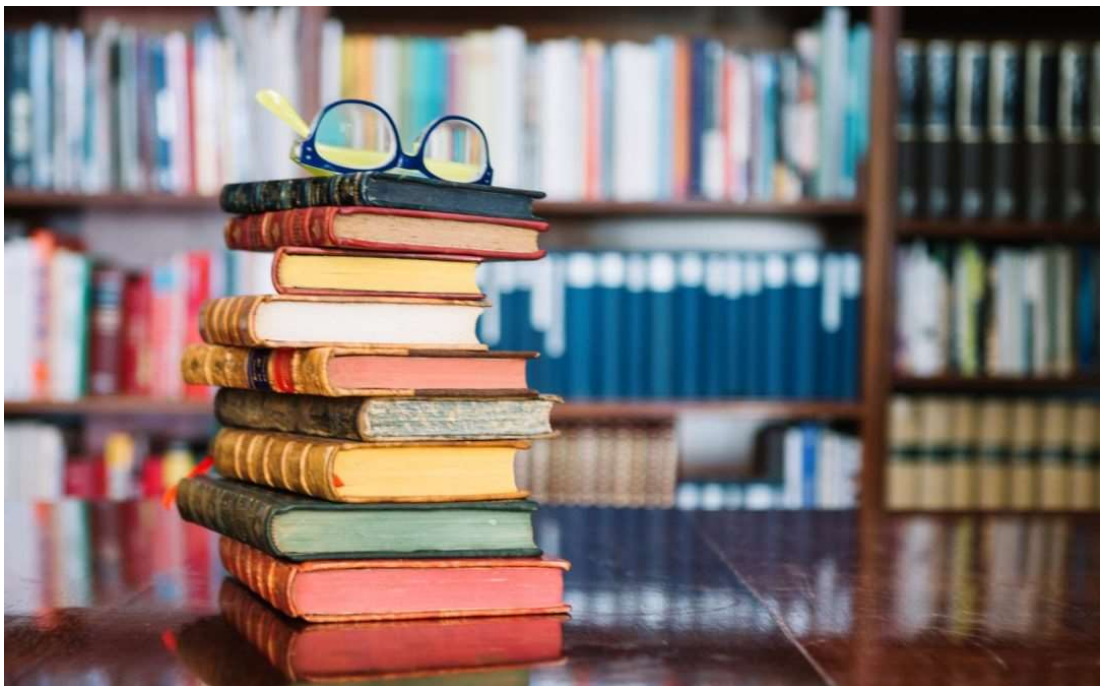




JNARDDC, Nagpur



2011-12

Conference Attended & Technical Papers Presented / Published

1. P A Mohamed Najar , M T Nimje, M J Chaddha & K V Ramana Rao, Quantitative assessment of red mud constituents by combined thin layer chromatography and scanning densitometry, Communicated in 2010, Status: Published in 2011. **Indian Journal of Chemical Technology, 18(2011)99-106, NISCAIR-CSIR, New Delhi.**
2. SB Rai, KL Wasewar, MJ Chaddha, RS Mishra, SU Bagde and J Mukhpadhyay, "Neutralisation of red mud using super-phosphate, coal dust and gypsum for its safe disposal and its utilisation for vegetation" **5th International Congress of Chemistry and Environment 'ICCE-2011' at Malaysia, 27th – 29th May, 2011 organised by Research Journal of Chemistry and Environment.**
3. U.Singh and R.S.Mishra, "Simultaneous multi-elemental analysis of alumina process samples, using ICP spectrometry", (accepted) **Analytical Chemistry, Indian Journal, 2011**
4. SB Rai, KL Wasewar, MJ Chaddha, RS Mishra and J Mukhpadhyay, "Modification and utilisation of dried red mud for construction of vegetation cover", **Research Journal of Engineering and Technology 2(3): 109-113 (2011)**
5. Mohamed Najar P. A., Sonali R. G., Nimje M.T. and Ramana Rao K .V, "Thin Layer Chromatographic Separation of Cobalt from Nickel on Impregnated Silica Gel Layers: Quantitative Determination by Digital Image Analysis". (Accepted) **Chinese Journal of Chromatography, Dalian Institute of Chemical and Physics, The Chinese Academy of Science, Dalian, China, March 2012**
6. U.Singh, S.P.Puttewar and R.S.Mishra, "Quantification of trace impurities in Bayer liquor using inductively coupled plasma spectrometry and capillary electrophoresis" (review), **Indian Journal Chemical technology (IJCT-2011)**
7. P.A. Mohamed Najar, S.R.Gondane, V.S.Pathak, S.U.Bagde, P.G.Bhukte, M.T.Nimje, S.P.Puttewar and K.V.Ramana Rao, "Quantitative Determination of Al³⁺ in Bauxite by Ocular Thin Layer Chromatography", (under review) **Journal of Planar Chromatograph-Mod. TLC, Hungary, Feb. 2012.**

8. M.J.Chaddha, R.J.Sharma,S.B.Rai, Amber Roy and B.K.Satpathy, "Preparation and characterisation of bricks using bauxite residue-An innovative approach", **ICSOBA-2011, Goa, 18-20 Oct. 2011.**
9. Mohamed Najar P.A, Sonali R.Gondane, Janardhan U. Jeurkar, Manoj T. Nimje and Ramana Rao K.V, "Adsorption Studies of Heavy Metal Cations on Silica Flat Bed Induced with Microcrystalline Cellulose Gels: Quantitative Determination of Cobalt and Nickel by Optical Scanning Densitometry, Separation Science and Technology", (under review) **Taylor & Francis Group, USA Feb. 2012**
10. P.G.Bhukte and M.J.Chaddha, "Geological and technological evaluation of eastern ghats bauxite deposits" (Communicated), **Journal of Geological Society of India 2011**
11. J. Mukhopadhyay, "Case studies on commercial availability of aluminium foil for packaging industry" **International Conference on Invention, Innovation & Technology – ICIIT – 2012 ; IAPQR & CGCRI Kolkata, 20 January, 2012.**
12. J. Mukhopadhyay, B.K. Satpathy, M.J. Chaddha, M.T. Nimje, M. Najar and U. Singh: "Effective Utilization of Industrial Wastes Into Value Added Product with Respect to The Sustainability of Aluminium Industry", **Plenary Session of 6th International Conference & Exhibition on Aluminium, INCAL-2011, Aluminium Association of India. December 6-8, 2011, Hyderabad**
13. Rai Suchita, Wasewar KL, Mukhopadhyay J, Chang Kyoo Yoo, Uslu H. "Neutralization and utilization of red mud for its better waste management", **Archives of Environmental Science (January, 2012), 6: 13-33.**