

## LIST OF PUBLICATIONS

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### Papers published in International Journal

1. **Chelluboyana Vaishnava Raghunath** and Monoj Kumar Mondal, Experimental scale multi component absorption of SO<sub>2</sub> and NO by NH<sub>3</sub>/NaClO scrubbing, *Chemical Engineering Journal* 314 (2017) 537-547.
2. **Chelluboyana Vaishnava Raghunath** and Monoj Kumar Mondal, Reactive absorption of NO and SO<sub>2</sub> into aqueous NaClO in a counter current spray column, *Asia-Pacific Journal of Chemical Engineering*. 11 (2016) 88-97.
3. **Chelluboyana Vaishnava Raghunath** and Monoj Kumar Mondal, Absorption phenomenon of (SO<sub>2</sub> + NO + NaClO) system. *Int. J. Adv. Res. Sci. Eng.* ISSN 2319-8354, 5 (1) (2016) 159-164.
4. Sidda Rajendra, **Chelluboyana Vaishnava Raghunath** and Monoj Kumar Mondal, New experimental data for absorption of SO<sub>2</sub> into DMA solution, *Environmental Progress & Sustainability Energy* 35 (5) (2016) 1298-1304.
5. **Chelluboyana Vaishnava Raghunath**, Poornima Pandey, Roli Saini, Monoj Kumar Mondal, Absorption of SO<sub>2</sub> and NO through an integrative process with a cost-effective aqueous oxidant, *Perspectives in Science* 8 (2016) 699-701.
6. **Vaishnava Raghunath Chelluboyana** and Monoj Kumar Mondal, Removal of SO<sub>2</sub> and NO by complex absorbent using wet Scrubbing. *Int. J Appl. Engg Res.* ISSN 0973-4562, 9(3) (2014) 345-350.

7. Monoj Kumar Mondal, **Vaishnava Raghunath Chelluboyana**, New experimental results of simultaneous SO<sub>2</sub> and NO removal from simulated gas stream by NaClO as low-cost absorbent, Chemical Engineering Journal 217 (2013) 48–53.
8. Monoj Kumar Mondal, **Vaishnava Raghunath Chelluboyana** and Jammi Srinivasa Rao, Solubility SO<sub>2</sub> in aqueous blend of Sodium citrate and sodium hydroxide, Fluid phase Equilibria, 349 (2013) 56–60.

#### **Papers/posters presented in conferences**

1. **C.V. Raghunath** and M.K. Mondal, Presentation in ICEMS – 2016, 17-19th Mar 2016 at JNU, Jaipur, Rajasthan.
2. **C.V. Raghunath** and M.K. Mondal, Presentation in ICRISEM–2016, 26-27th Feb 2016 at SVET, Srikakulam, Andhra Pradesh.
3. **C.V. Raghunath** and M.K. Mondal, Poster presentation on Institute day 2015, IIT (BHU) Varanasi.
4. **C.V. Raghunath** and M.K. Mondal, Presentation in SITCEE – 2014, 4-5th Jan 2014 at JNU, New Delhi.