

RESEARCH PUBLICATIONS

1. Javaid Akhtar, Shumaila Rehman, Naseer Sheikh, **Shahid Munir**, Agglomeration of Pakistani Coal (Iakhra) using Diesel Oil, Energy Sources Part A (Recently Accepted)
2. **Shahid Munir, Usman Razaqat, Javed Akhtar, Naseer-ud-Din Sheikh**, (2015). Cleaning of Dukki (Baluchistan) Coal by Oil Agglomeration published in International Journal of Oil, Gas and Technology, 9(1): 79-88.
3. **S. Munir, K. Shahzad, S. Aslam, M. Mukhtar, J. Akhtar**, “Parametric Study of Coal Gasification Under Bubbling Fluidized Bed Conditions” in proceeding of Ist International Young Engineers Convention (FIYEC-IYEC-2014) organized by the Pakistan Engineering Council at University of Engineering & Technology (UET) held on April 18, 2014.
4. **S. Munir, Sana Mushtaq, Shumaila Azam, J. Akhtar, N. Sheikh, K. Shahzad** “Up-gradation of Duki Coal by Agglomeration with Xylene”. in proceeding of Ist International Young Engineers Convention (FIYEC-IYEC-2014) organized by the Pakistan Engineering Council at University of Engineering & Technology (UET) held on April 18, 2014.
5. **Shahzad.K, Kanwal.S, Nawaz.S, Sheikh.N, Munir.S**, (2014). Effects of moisture and Coal blending on HGI of Pakistani Coal. International Journal of Coal Preparation and Utilization, 34(1),1-9.
6. **Ashraf.I, Kanwal.S, Shahzad.K, Sheikh.N, Munir.S**, (2013 Submitted). Upgradation of Pakistani Coal by Heavy Media Separation. International Journal of Mineral Processing.
7. **Imran Ashraf, Sumaira Kanwal, M. Khurram Shahzad, N. Sheikh, S. Munir**,(2012). Upgradation of Dandot Coal by Heavy Media Separation. In *Proceedings of International conference on Engineering Sciences, ICES 2012, 28-29 February, Lahore*
8. **Munir.S ,W. Nimmo, B.M. Gibbs**,(2012). Pakistani Sugarcane bagasse as potential secondary fuel for NO_x reburning in large scale coal combustion systems in proceeding of UK-Pakistan Coal Conference (UK-PK2012),3-5th July , 2012, Leeds, UK.

9. **Munir,S, (2012).** Energy Crisis in Pakistan and its Solution in proceedings of UK-Pakistan Coal Conference (UK-PK2012),3-5th July , 2012, Leeds, UK.
10. **Munir, S.; Nimmo, W.; Gibbs, B.M., (2011).** The Effect of air staged, co-combustion of pulverised coal and biomass blends on NO_x emissions and combustion efficiency. *Fuel* 90 (2011) 126–135.
11. **Munir,S,** NO_x Emission Control using Biomass as Reburn Fuel , 4th Symposium on Engineering Sciences 1st March 2011, ICET, University of the Punjab, Lahore.
12. **Munir, S.; Nimmo, W.; Gibbs, B. M., (2010).** Sheameal and Cotton Stalk as potential fuels for co-combustion with coal. *Bioresource Technology*, 101 (19). 7614–7623.
13. **Munir, S.; Nimmo, W.; Gibbs, B.M., (2010).** Co-combustion of Agricultural Residues with Coal: Turning Waste into Energy. *Energy & Fuels*, 24 (3), 2146-2153.
14. **Daood, S.S.; Munir, S.; Nimmo, W.; Gibbs, B.M., (2010).** Char oxidation study of sugar cane bagasse, cotton Stalk and Pakistani Coal under 1% and 3% oxygen concentrations. *Biomass and Bioenergy*. 34 (3), 263-271.
15. **Munir, S., (2010).** A review on Biomass-Coal Co-combustion: current state of knowledge. *Proceedings of Pakistan Academy of Sciences*. 47(4), 265-287.
16. **Munir, S.; Nimmo, W.; Gibbs, B.M., (2010).** Air and Fuel Staged Co-combustion of Coal with Biomass in Power Station Boilers. *Journal of Quality and Technology Management. Volume VI, Issue II, Dec, 2010, pg. 81-111.*
17. **Munir, S.; Nimmo, W.; Gibbs, B.M., (2010).** Biomass as potential Reburn Fuel in Coal-fired Boilers. *Journal of Quality and Technology Management. Volume VI, Issue II, Dec, 2010, pg. 43-79.*
18. **Shahzad. K, Nawaz. S, Kanwal. S, Munir. S, (2015)** Desulphurization and demineralization of Lakhra Coal by molten caustic leaching, *Energy Sources Part A*. Volume 37.

19. **Munir, S.; Nimmo, W.; Gibbs, B.M.,** (2010). Potential Slagging and Fouling Problems associated with Biomass-Coal blends in Coal-fired Boilers. *Journal of Pakistan Institute of Chemical Engineers*. Vol.38, 1-26.
20. **Munir, S.; Daood, S.S; Cunliffe, A.M.; Nimmo,W.; Gibbs, B.M.,** (2009) Thermal Analysis and Devolatilization Kinetics of Cotton Stalk, sugar cane bagasse, and shea meal under nitrogen and air atmospheres. *Bioresource Technology*, 100 (3), 1413-1418.
21. **Munir, S.; Akhtar, N.A.; Nimmo, W.; Gibbs, B.M.,** (2009). NO_x formation during combustion process and in-furnace control technologies. *Journal of Pakistan Institute of Chemical Engineers*, 37, 13-21.
22. **Munir, S.; Nimmo, W.; Gibbs, B.M.,** (2009) Air and Fuel staged Co-combustion of Biomass with Coal. In *Proceedings of the 10th International conference on Energy for a Clean Environment*, 7-9 July Lisbon
23. **Munir,S., Daood,S.S., Rizvi, Z.H., Butt, M.A.,** (2009). Development of an Inclined Plate Extractor-Separator for Immiscible Liquids. *Energies*, 2, 957-975.
24. **Munir.S ,W. Nimmo, B.M. Gibbs, (2008).** Biomass Co-firing, Worksop on perspectives on Co-Combustion, Preceding the 7th European Conference on Coal Research and It's Applications, The University of Cardiff, UK, 3rd-5th September 2008.
25. **Daood,S.S., Munir,S., Akhtar,N.A., Butt,M.A.,** (2007). Effect of operating parameters on extraction in sieve plated pulsed column. *Proceedings of Pakistan Academy of Sciences*, 44(3), 189-195.
26. **Rizvi, A.H., Daood, S. S., Javed, M. T., Munir, S., Pourkashanian, M., Nimmo, W. (2015)** Reactivity Analysis of Pakistani Thar Lignite Reserves in oxidizing Thermogravimetric Analysis Atmospheres, *Energy & Fuels*, 29(8); 5349-5360