

## LIST OF PUBLICATIONS

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### Journals

1. **Shirin S.**, A. Jamal, P. Ranjan, and A. K. Yadav, "Study on assessment of slope stability and mixed disposal of overburden in voids of Singrauli Coalfield," *Environmental Quality Management*, 28(3) (2019), 131-139
2. **Shirin, S.**, and A. Jamal, "Environmental impact of mine water, utilization and management in Indian mines," *Rasayan Journal of Chemistry*, 11(2) (2018) 531-536
3. **Shirin, S.**, and A. Jamal, "Neutralization of acidic mine water using flyash and overburden," *Rasayan Journal of Chemistry*, 11(1) (2018) 74-79
4. Jamal, A., **S. Shirin**, and P. Ranjan, "Overburden mixed disposal in voids of opencast coal mines," *The Indian Mining Engineering Journal* 56(5) (2017) 26-33
5. Jamal, A., A. K. Ranjan, A. K. Yadav, and **S. Shirin**, "Prediction of mine drainage quality in a proposed coal mine," *The Indian Mining and Engineering Journal* 54 (01), 15-19

### Conferences

1. Jamal, A., R. Kumar, R. Varshney, **S. Shirin**, S. Ratan, A. K. Yadav, "Economic rehabilitation of local population in the post- mining situation," *Proceedings of the Sixth International Conference on Environmental Management, Engineering, Planning & Economics*, Thessaloniki, Greece, June 25-30, 2017, (2017) 876-885
2. Yadav, A. K., **S. Shirin**, A. Jamal, "Suspended particulate matters and management system regarding air pollution in mines," *Proceedings of the Sixth International Conference on Environmental Management, Engineering, Planning & Economics*, Thessaloniki, Greece, June 25-30, 2017 (2017) 56-64
3. Jamal, A., **S. Shirin**, A. K. Yadav, S. Sidharth, "Waste Production in Coal Mines and Scope of Utilization of Marking Value Added Production – A Case Study," *Proceedings of the Recent Practices & Innovations in Mining Industry*, Feb 19-20, 2016 organized by Department of Mining Engineering, NIT, Raipur, (2016) 294-299
4. Jamal, A., **S. Shirin**, and P. Ranjan, "Overburden mixed disposal in voids of opencast coal mines," *Proceedings of the All India Seminar on Slope Stability Issues in Opencast Mining and Civil Engineering (SSIOMCE15)* during July 25-26, 2015 organized by Department of Mining Engineering, NIT, Rourkela (2015) 168-175