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**List of Publications**

## (A) Published

1. Rawal R., Karmakar N. C., and Sharma S., Effect of fluid additives on rock drilling, Recent Advances in Rock Engineering, 2016, pp. 214-216. <https://doi.org/10.2991/rare-16.2016.34> (SCOPUS)
2. Rawal R., Karmakar N. C., and Sharma S., Krishnamoorthi S., Application of polymeric drilling fluids for reducing wearing of drill bit, Journal of the Indian Chemical Society 99, 2 (2022) 100324, <https://doi.org/10.1016/j.jics.2021.100324> (SCOPUS)
3. Rawal R., Karmakar N. C., and Sharma S., Optimization of Fluid Flushing Rate: A Study on Laboratory Drilling Setup, Journal of The Institution of Engineers (India): Series C, volume 103, pages 985–990 (2022). <https://doi.org/10.1007/s40032-022-00809-9> (SCOPUS)

## (B) Accepted

4. Rawal R., Karmakar N. C., and Sharma S., Application of Water Soluble Polymers as Drilling Fluids for Reduction of Power Consumption in Rock Drilling, Journal of Mines, Metals and Fuels. (SCOPUS) (Accepted vide mail dated 23/12/21)

## (C) Under Review

5. Rawal R., Karmakar N. C., and Sharma S., Design and Fabrication of Laboratory Rock Drilling Setup, Int. Journal of Rock Mechanics and Mining Sciences (SCI) (Date of communication 17/04/2022)