

Employee ID : GIST/ICARE/0172

M.TECH (AMST), PH.D IN ENGG.

List of Journals

1. Enhancement of strength of blast furnace flue dust-iron oxide-fly ash composite briquette using ANOVA-based mathematical model. **Ritwik Das**, Manas Kumar Mondal & Susanta Pramanik. Ironmaking & Steelmaking, 2023, vol. 50, no. 8, pp. 1085-1093.

DR. RITWIK DAS

2. Comparison of Compressive Strength of Fly Ash Bonded Flue Dust Briquettes with that of Briquettes made with Bentonite, Sodium Silicate, Lime, Starch, Pitch, Molasses and Dextrin Binder. **Ritwik Das**, Manas Kumar Mondal & Susanta Pramanik. Transactions of the Indian Institute of Metals, 2022, vol. 76, 1253-1262.

3. Strengthening Behaviour and Microstructural Properties during the Compaction of Reduced Blast Furnace Flue Dust-Fly Ash-Iron Metal Matrix Composite Fines using Powder Metallurgy Route. **Ritwik Das**, Manas Kumar Mondal & Susanta Pramanik. Transactions of the Indian Institute of Metals, 2022, vol. 75, pp 2255-2263.

4. Effect of Extrusion on the Physical and Mechanical Properties of Briquette Made with Blast Furnace Flue Dust and Iron Ore Fines. **Ritwik Das**, Manas Kumar Mondal & Susanta Pramanik. Journal of The Institution of Engineers (India): Series D, 2022, vol. 103, pp. 473-478.

5. Study on Reduction of Blast Furnace Flue Dust Briquette Made with Fly Ash as Binder. **Ritwik Das**, Manas Kumar Mondal & Susanta Pramanik. Journal of The Institution of Engineers (India): Series D, 2021, v. 102, pp. 173-183.

List of Conference

List of Books