

Employee ID : GIST/ICARE/0172



DR. RITWIK DAS

## INFO

DEPARTMENT : DIPLOMA IN MECHANICAL ENGINEERING

DATE OF JOINING : 6TH JANUARY 2022

NUMBER OF BOOK PUBLISH : 0

NUMBER OF JOURNAL PUBLISH : 5

NUMBER OF CONFERENCE : 0

## EXPERIENCE

TEACHING : 0

INDUSTRY : 0

IN GIST 3 YEAR 6 MONTH 3 DAY

## CONTACT



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## EDUCATION

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.

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