Information Regarding Research & Publications

Number of publications:

Sl. No.	Name of the faculty	International Journal	National Journal	Conference	Books/Book Chapter
1.	Dr. Sayanta Chakraborty	08	00	International: 14 National: 02	Book Chapter: 01

Publication Details: Dr. Sayanta Chakraborty

International Journal

2023

1. **S. Chakraborty and A.K. Saha**, "*Novel Fermatean Fuzzy Bonferroni Mean aggregation operators for selecting optimal health care waste treatment technology*", **Engineering Applications of Artificial Intelligence,** Volume 119, (2023), 105752, https://doi.org/10.1016/j.engappai.2022.105752, **Elsevier, SCIE. IF. 7.802.**

2022

2. **S. Chakraborty** and **A.K. Saha,** "*Selection of Forklift Unit for Transport Handling Using Integrated MCDM under Neutrosophic Environment*", **FACTA UNIVERSITASIS, Series: Mechanical Engineering,** *doi no.* 10.22190/FUME220620039C. **SCIE. IF. 4.622.**

3. **S. Chakraborty** and A.K. Saha, "*Selection of optimal lithium ion battery recycling process: A multi-criteria group decision making approach*", **Journal of Energy Storage,** Volume 55, Part B (2022), https://doi.org/10.1016/j.est.2022.105557. **Elsevier**. **SCIE. IF. 8.907.**

4. A. Soni, **S. Chakraborty**, P.K. Das and A.K. Saha, "*Materials selection of reinforced sustainable composites by recycling waste plastics and agro-waste: an integrated multi-criteria decision making approach*", **Constr. Build. Mater.** 348 (2022), 128608, https://doi.org/10.1016/j.conbuildmat.2022.128608. **Elsevier. SCIE. IF. 7.693.**

5. **S. Chakraborty** and A.K. Saha, "*A framework of LR fuzzy AHP and fuzzy WASPAS for health care waste recycling technology*", **Appl. Soft Comput**. 127 (109388) (2022), https://doi.org/10.1016/j.asoc.2022.109388. **Elsevier**. **SCIE. IF. 8.263.**

2018

6. **S. Chakraborty** and D. Bhattacharya, "*Solution of the general multi-objective De-Novo Programming Problem using compensatory operator under fuzzy environment*", (2018), **IOP: Journal of Physics,** 1039(1):012012, DOI: 10.1088/1742-6596/1039/1/012012. **SCOPUS.**

2013

7. **S. Chakraborty** and D. Bhattacharya, *"Optimal System Design under Multi-Objective Decision making using De-Novo Concept: A New Approach",* (2013). **International Journal of Computer Applications,** 63(12):20-27. DOI: 10.5120/10519-5496

2012

8. **S. Chakraborty** and D. Bhattacharya, *"A New Approach of Solution of Multi-Stage and Multi-Objective Decision-Making Problem using De-Novo Programming", (2012),* **European Journal of Scientific Research***,* ISSN 1450-216X Vol.79 No.3, pp.393-417. **SCOPUS.**