

## **Publication Details**

### **Department of Civil Engineering:**

Name of the Faculty: **Dr. Tamal Kundu**

Designation: **Assistant Professor**

Department: **Civil Engineering**



### **Book Chapter Publication:**

- Kundu, T. (2025). Advancements in data generation with artificial intelligence. In *Recent Advancements in Computational Intelligence and Design Engineering* (pp. 13–21). CRC Press. <https://doi.org/10.1201/9781003595745>
- Kundu, T. (2025). Earthquake epicentre tracking using signal processing technique. In *Innovative Approaches in Engineering Research*. BS Publications. <https://doi.org/10.62906/bs.book.211>
- Kundu, T. (2025). Earthquake wave propagation. In *Innovative Approaches in Engineering Research*. BS Publications. <https://doi.org/10.62906/bs.book.211>
- Kundu, T. (2025). Lamb waves on plates: A comprehensive study. In *Innovative Approaches in Engineering Research*. BS Publications. <https://doi.org/10.62906/bs.book.211>
- Kundu, T. (2025). Multimodal neural networks: Advancements, applications, and future directions. In *Innovative Approaches in Engineering Research*. BS Publications. <https://doi.org/10.62906/bs.book.211>
- Kundu, T. (2025). The use of artificial intelligence in building construction: A comprehensive study. In *Innovative Approaches in Engineering Research*. BS Publications. <https://doi.org/10.62906/bs.book.211>
- Kundu, T. (2024, September). Advancements in structural engineering through AI: A comprehensive review. In *Synergy in Science and Engineering: An Integrative Approach*. ED Publications. <https://doi.org/10.22271/ed.book.2863>

**Book:**

- Sarkar, A., Adhikary, A., Kundu, T., Adhikary, D., & Ghosh, S. (Eds.). (2024, July). *Innovative solutions in civil engineering: Advanced techniques and case studies (Vol. 1)*. Zenodo. <https://doi.org/10.5281/zenodo.14676942>