

## LENGTH-WEIGHT RELATIONSHIP AND RELATIVE CONDITION FACTOR OF *TENUALOSA ILISHA* (HAMILTON, 1822) FROM FARAKKA, IN RIVER GANGA, WEST BENGAL, INDIA

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*This study analyzed the length-weight relationship (LWR) and relative condition factor (Kn) of Tenulosa ilisha from 2021 to 2023 in the downstream of the Farakka Barrage, based on 1,500 samples (15-30 cm, 6-36.3 g). The regression coefficient (b) ranged from 2.6 to 3.1, with R<sup>2</sup> values of 0.82-0.96 and Kn between 1.008-1.038. These results denote the species' well-being, ecology, and demographic patterns, aiding in the effective management and conservation of Hilsa populations.*

**Keywords:** Hilsa, Length-weight relationship, Condition factor

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