**BIANNUAL REPORT I**

**Period**  : From June 2023 to November 2023

**Name of the Candidate** : J. Jobin Reena

**Reg. No.** : 23113042192008

**Title of the Thesis** : Reproductive Biology of a Brachyuran crab, *Oziothelphusa*

*parakkai*”

**Research Centre** : Holy Cross College (Autonomous),

Nagercoil-4.

**Name of the Supervisor** : Dr. A. Shyla Suganthi

Assistant Professor of Zoology,

Holy Cross College (Autonomous),

Nagercoil -4.

**Details of work done**

During the research endeavour, (June 2023 / November 2023) following work was carried out:

* The First Doctoral Committee meeting took place on Holy Cross College (Autonomous), Nagercoil - 4. during which, the title of the research work and course work examination papers were finalized.
* The course work comprised of four subjects such as ‘Advanced Research Methodology’, ‘Research and Publication of Ethics’, Fisheries and Aquaculture’, ‘Freshwater Habitat and Ecology’, ‘Pollution and Toxicology’.
* Notes for the coursework were collected and attended the 1st internal exams.
* Survey of crabs along the freshwater bodies was carried out in Kanyakumari district.
* Crabs were identified based on the external characters as (*Oziotelphusa parakkai, Barytelphusa cunicularis, Oziotelphusa ravi, Oziotelphusa naga, Oziotelphusa bouvieri)*
* Crabs were collected, identified, categorized based on their sex and moult stages.
* Histology of the male reproductive system of crab, *Oziotelphusa parakkai, Pseudosesarma kadiapattinam.*