

## **ABSTRACT**

### ***ROWING CENTER JATI LUHUR RESEVOIR: DEVELOPMENT OF ROWING SPORTS CENTER AND ATHLETES' GUESTHOUSE WITH HIGH TECH APPROACH IN JATILUHUR RESERVOIR***

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*Rowing sports in Indonesia still do not get special attention from the national government. As well as facilities and infrastructure for rowing sports located in the Jati Luhur Reservoir Area, Purwakarta Regency. The Sports Center and Athlete House in the Jati Luhur Reservoir Area is a training ground for national rowing athletes, especially in water sports, which is a place for self-development both in terms of expertise and education as a rowing athlete. So that this development can support training facilities that are in accordance with Rowing Sports standards. The Sports Center and Athlete House are important facilities for the development of athletes and also as a promotion of Indonesian Rowing Sports to the world. The main purpose of this development is to design a Rowing Sports Center that not only meets the needs of athletes and users, but also carries a High Technology building. By approaching the building with High Tech Architecture, the technology system applied will facilitate athletes in conducting coaching and training. As a place that accommodates sports activities and resting places for athletes, the results of the application of High Tech Architecture in the design are by showing expressions of structural strength, using bright colors and using high-tech systems in the interior or exterior space of Rowing Sports, so that the building will become an iconic building later.*

**Keywords:** *Rowing Sports, Sports Center, Athlete' Guesthouse, High Technology*