

## **Progress of Joint Research Activities**



| Research No.: ② F-7 ODA Loan Joint Research |                    | F-7 ODA Loan Joint Research  | Date:29/Oct/2019   |
|---|--------------------|--|--|
| 1   | General Title      | Engineering and information technology development and application in aquaculture and fisheries  |  |
| 2   | Core Members       | CTU: Tran Thanh Hung (Project Leader), Nguyen Chi Ngon, Truong Quoc Phu, Nguyen Thai Nghe, Nguyen Thai Son, Nguyen Huynh Anh Duy  Japanese Universities: Akio Okayasu, Tsuyoshi Ikeya, Daisuke Inazu (Tokyo University of Marine Science and Technology), Ryuji Matsuhashi (The University of Tokyo) |  |
| 3   | Duration           | Jan.,2019 – Dec.,2021 (3 years)  |  |
| 4   | Main<br>Objectives | The overall objectives are to study, develop and apply of engineering technology and IT for sustainable development of shrimp farming in the Mekong Delta.   |  |
|   |                    | • Survey energy demand • Evaluate the potential use of solar energy • Collect reports and data structures  | 2. eExpert System  1. Data Acquiring System  4. Database System  Overall system  Shrimp pond data acquiring system  Shrimp pond data acquiring system  Farmer  GNAS, MMS  e-Expert System  1. Data Acquiring System  Overall system  Shrimp pond data acquiring system  Farmer  Farmer  - Number of international/total articles: 1/4 (0/1)  - Number of new technology developed: 1 (0) |