

Centralized software platform for Farm Machinery Clinics

These Clinics will provide year-round repair and maintenance support for agricultural machinery, thereby benefiting farmers across Kerala. In this context, the department proposes to implement a centralized software platform to streamline the operations and services of the Farm Machinery Clinics.

The key requirements of the software platform are as follows:

1. Online advance repair booking system
2. Job card generation with machine diagnostics
3. Invoice and bill tracking
4. Live repair status dashboard for internal and public access
5. Service workflow tracking
6. Integration with departmental systems (e.g., AIMS, SMAM : registration database, etc.)
7. Spare parts inventory module recording issue, stock, and procurement needs
8. Regional-level monitoring and reporting tools

The software is to be developed and deployed in coordination with the Research Testing and Training (RTT) Centre, Vellayani.