



Smart Food Grain Storage System (SAFEETY) technology

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Recently, the Ministry of Electronics and Information Technology (MeitY) has successfully transferred the **Smart Food Grain Storage System (SAFEETY) technology to M/s Paras Defense and Space Technology Ltd.** This is a step towards fostering innovation and advancing technology in the country.

- SAFEETY, developed by the **Society for Applied Microwave Electronics Engineering and Research (SAMEER)** an autonomous R&D institution under MeitY, boasts cutting-edge features such as **conveyorized loading and unloading of grain bags** with [Radio Frequency Identification \(RFID\) for traceability](#), online weight and moisture measurement, and Radio Frequency Based **Removal of Moisture from Grain**.
 - The system can handle almost one truckload (approx. weight: 28 tons) of grains in 40 minutes.
- The technology transfer of SAFEETY is a step towards the Innovation, Science and Technology theme of [Vikshit Bharat @2047](#), which aims to make India a **global leader in digital transformation and innovation**.
- The technology will help in reducing [post-harvest losses](#), improving **food quality** and safety, and enhancing **food security** in the country.

Read more: [Digital Agriculture](#)

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