

XXXIV Workshop of AICRP on Farm Implements and Machinery held at CCSHAU, Hisar during December 4-6, 2019



The 34th Workshop of AICRP on Farm Implements and Machinery, which aims to provide a platform for interaction amongst researchers, tractor and farm machinery manufacturers and policy makers was held at CCSHAU, Hisar during December 4-6, 2019. The meeting was attended by around 125 participants from Research & Development organisations from different SAUs and ICAR institutes, farm machinery manufacturers etc.

The inaugural session of the workshop was held on December 4, 2019 under the chairmanship of Dr. PS Tiwari, Director (Acting), ICAR-CIAE, Bhopal and Dr. SK Sehrawat, Director Research, CCSHAU, Hisar was the Chief Guest. Dr. C Divaker Durairaj, Former Dean of AEC&RI, TNAU, Coimbatore was the Guest of Honour during the session. Dr. CR Mehta, Project Coordinator, AICRP on FIM presented Project Coordinator's Report on progress of work done by different centres of the scheme.

The technical bulletin "**Recent Farm Mechanization Technologies - AICRP on FIM**" compiled by Coordinating Cell, the technical bulletin "**PAU Super SMS – A Precursor to In-Situ Paddy Residue Management** (PAU, Ludhiana), the success story on "**Reaper cum Binder in Bihar**" (Dr. RPCAU, Pusa) and the technical bulletin on "**Future of Sugarcane Planting**" (IIT, Kharagpur) were also released during the session.

It was followed by Industry session and opening of Farm Machinery Exhibition at CCSHAU, Hisar. The progress reports under Research & Development (R&D), Prototype Manufacturing Workshop (PMW), Prototype Feasibility Testing (PFT) and Front Line Demonstration (FLD) activities under the scheme were presented by 25 centres of scheme in two Technical Sessions held at CCSHAU, Hisar during December 4-6, 2019. The technical sessions were conducted under the chairmanship of Dr. PS Tiwari, Director (Acting), ICAR-CIAE, Bhopal and co-chairmanship of Dr. M Din, Project Coordinator, AICRP on UAE, ICAR-CIAE, Bhopal. Dr. C Divaker Durairaj, Former Dean of AEC&RI, TNAU, Coimbatore was the expert during the Workshop.

The following major recommendations emerged from deliberations held during different technical sessions of the Workshop.

1. The centres of the scheme need to give more focus on application of mechatronics, AI and robotics in agriculture.

2. The centres of the project should systematically conduct farm mechanization study to come out with data on status and gaps in farm mechanization.
3. The centres of the scheme should have regular interaction meeting with the Agricultural Machinery Manufacturers of the region.
4. The rice transplanting need to be promoted in the states of Punjab and Haryana to enlarge the window of sowing of wheat crop.
5. There should be more focus on development of equipment to address the need of small and marginal farmers.