

ICAR-Central Institute for Women in Agriculture, Bhubaneswar

Name of Innovation	Farmer's /Innovator's Name	Brief Description	Photographs
Pedal Operated Women Friendly Coconut Dehusker	ICAR-CIWA	<p>The pedal operated coconut dehusker was developed after taking in to consideration the anthropometric and strength dimensions like hand reach, sitting leg reach, push force of leg etc. of Indian male and female agricultural workers. The developed pedal operated coconut dehusker allows the worker to dehusk the coconuts in sitting posture. It also utilized leg push force of the worker instead of the hand pull force, which is being adopted in the existing dehuskers currently. The developed system gives $\approx 50\%$ reduction in work-pulse over the traditional.</p> <p>There is 51% reduction of drudgery as compared to existing hand operated manual dehusker. It is safe to operate as blades are at a safe distance from the operators' body.</p>	