

ICAR-Central Institute for Women in Agriculture, Bhubaneswar

Name of Innovation	Farmer's /Innovator's Name	Brief Description	Photographs
Mechanized Groundnut Decorticator (Modified)	AICRP on Women in Agriculture, Centre: University of Agricultural Sciences, Dharwad	<p>Electrically operated equipment to decorticate the kernels from groundnut.</p> <p>Gender friendly and drudgery reducing, low cost, time and labour saving technology.</p> <p>Decortication efficiency is 97% with minimum seed damage (<3%).</p> <p>Reduces the physiological and muscular efforts of farm women with increased output in a less time.</p> <p>The work output is 5 times higher (250 kg/h) as compared to traditional method (50 kg/h).</p> <p>Higher output capacity (250 kg /h) over traditional method (0.90 kg/ h) UAS, Raichur model groundnut decorticator (44.57 kg /h) and CIAE, Bhopal model (21.17 kg /h).</p> <p>Cost effective technology as compared to traditional and other methods.</p> <p>The man days required for Small scale motorized groundnut decorticator is lesser (0.07 man days/Q) as compared to traditional method (13.88 man days/Q) UAS, Raichur model (0.37 man days/Q) and CIAE, Bhopal model (0.78 man days/Q).</p> <p>Reduces the occupational health hazards, drudgery and postural discomfort of the worker.</p> <p>Recommended for small and marginal farmers and researchers.</p>	