

Curriculum Vitae

Dr Ratna Preeti Kaur, Senior Scientist
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Ratna Preeti Kaur is a Senior Scientist at ICAR-Central Potato Research Institute, Research Station Jalandhar, Punjab. Her present research interests include breeding potato for early bulking, good keeping varieties for short day conditions, potato germplasm conservation, photoautotrophic micropropagation of potato, Hi-tech potato seed production technologies: tissue culture, net house cultivation, Aeroponics and studies related to potato keeping quality. Her salient achievements include: development of the photoautotrophic micropropagation method; introduction of some 22 early bulking hybrids in the AICRP till date; development of potato variety database; germplasm registration of 2 potato lines SS1652-09 and SM/00-120 having late blight resistance and other specific characters of interest; development of some new technologies related to increased productivity of minitubers under net house like high density planting, dual crop and canopy management; Standardization of pollen cryopreservation methodology for potato. She has published 25 research papers, 4 book chapters, 11 popular articles, 14 technical articles, 3 books and 1 database. She has served as councillor of IPA North zone during 2014-15, 2015-16, 2016-17 and 2021-22.