


<p>Dr. Nisha Verma Scientist Email : nisha.verma@icar.gov.in verma.nisha61@gmail.com Mobile No. :+91-9997481916</p>	
<p>Qualification</p>	<p>Ph. D</p>
<p>Specialization</p>	<p>Clothing and Textiles</p>
<p>Area of interest</p>	<p>Gender in Farming Systems, Human nutrition, Ergonomics and Product diversification</p>
<p>Experience profile</p>	<ul style="list-style-type: none"> • Joined ARS on 1st January, 2013. • Scientist at ICAR-IIFSR from 12th April 2013 to till date.
<p>Total publications</p>	<p>Research papers : 17 Book Chapters:12 Technical/Popular articles: 15 Compendium: 2 Training manual: 1 Souvenir: 1</p>
<p>Selected publications (maximum best 20)</p>	<ol style="list-style-type: none"> 1. N Verma, N Grewal and S Bains (2016) Evaluation of Comfort and Handle Behavior of Mulberry Silk Waste/Wool Blended Fabrics for End Use. 13 (3) 277-288. <i>Journal of Natural Fibres</i> (NAAS rating 6.58). 2. N Verma, P Kashyap, M P S Arya, M P Singh, A Nath and S P Singh (2017) Economic quantification of women's work in farming system: A case study of western plain zone of Uttar Pradesh. <i>Indian Journal of Agricultural Sciences</i> 87 (3): 355-62. (NAAS rating 6.25) 3. D Dutta, A Nath, D Mishra, N Verma and P Kumar (2016) Phytochemical studies on antioxidant activities of two types of Karonda (<i>Carissa carandas</i>) during storage. <i>Indian Journal of Horticulture</i> 73 (4) 623-626 (NAAS rating 6.13) 4. N Verma, M P Singh, A Nath, P Kashyap, S P Singh and A S Panwar. 2020. Feminine farm operational methods, involvement, hardships and sensitivity in farming systems analysis <i>Indian Journal of Agricultural Sciences</i>. 90 (1): 96-101. (NAAS rating 6.25) 5. D Dutta, P Kumar, A Nath, N Verma and B Gangwar (2014) Qualities of lemongrass (<i>Cymbopogon citratus</i>) essential oil at different drying conditions <i>International Journal of Agriculture, Environment and Biotechnology</i> 7 (4) 903. (NAAS rating 4.69)

<p>Awards (in bullet form)</p>	<ul style="list-style-type: none"> • Best paper award by ARCC Karnal 2014-15 for the research publication entitled “Value Addition of horticultural crops: A source of nutritional security and income generation for rural women of Odisha” published in Bhartiya Krishi Anusandhan Patrika 29 (4) 194-200 by Verma et al (2014) • Young Scientist Award from New Age Mobilization Society, New Delhi on the occasion of National Conference on Identification, Convergence, Implementation and Extension of Science-Tech-Research for Sustainable Development (ICIESSD-2019) during 20-21 April, 2019. • Best poster presentation award (1) • Best oral presentation award (1) • Award of Honour for Best MSc Thesis work in the area of Social Sciences by Punjab Agricultural University Science Club • ICAR-JRF during M.Sc. • ICAR-SRF during PhD.
<p>Significant achievements including development of methodology, technology etc (maximum 10 in bullet form)</p>	<ul style="list-style-type: none"> • Developed Methodology for Economic quantification for women’s work in pre-dominant farming systems. • Development of four diversified tribal farming systems for ensuring food, nutrition and livelihood security at 100 tribal farmer’s field. • Developed methodology LCDI (Load carrying drudgery Index) for accessing women’s workload in pre-dominant farming systems. • Characterization of gender sensitive farming systems of western plain zone of Uttar Pradesh and hillzone of Uttarakhand. • Assessed physiological work load for different operations in prevailing farming systems. • A package of participatory technology developed for reduction of drudgery and enhancing work efficiency for women farmers in prevailing farming systems. • Developed methodology for assessment of production diversity, potential food and nutrition availability in different farming systems. • Entrepreneurship development through women’s SHG formulation and skill improvement in value addition, processing, packaging, labelling, and marketing activities.
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