

### Faculty Profile Information

Name	<b>Dr. Sanjay Khar</b>
Designation	Professor
Contact Address	Division of Agricultural Engineering Faculty of Agriculture, SKUAST-J Main Campus, Chatha, Jammu – 18009 (J & K)
E Mail	sanjaykhar2007@gmail.com
Mobile	09419129115
Professional Experience	27 years
Awards/honours/scholarships/fellowships	<ul style="list-style-type: none"> <li>• Elected as fellow of the Institution of Engineers (India)</li> <li>• Elected to the Executive Council of Institution of Engineers (India) Kolkata Agricultural Engineering Division for the year “2015 to 2017” and “2009 to 2011”</li> <li>• Presidential Appreciation Award by Society for Community Mobilisation for Sustainable Development (MOBILIZATION)- 2015</li> <li>• Appreciation Award by SKUAST-J- 2015</li> <li>• The Institution Prize by the The Institution of Engineers (India)- 2012</li> <li>• Dr. J. S. Pruthi award on Development of New Products / New Process / New Machinery by All India Food Processors association -2011</li> <li>• Awarded third prize for best paper presentation in National Seminar of Spices by Directorate of Arecanut and Spices development Govt of India, Kerala- 2009</li> <li>• Best stall among award SAUs in IARI Kissan Mela -2015</li> <li>• 3<sup>rd</sup> Prize in National Seminar cum Exhibition Kissan Mela by Indian Institute of Integrative Medicine- 2015</li> <li>• 3<sup>rd</sup> Prize in Kissan Mela cum exhibition by Agriculture Technology Management Agency(ATMA) Jammu -2014</li> <li>• 2<sup>nd</sup> Prize in Kissan Mela cum exhibition by Agriculture Technology Management Agency(ATMA) Samba -2014</li> <li>• Chartered Engineer of the Institute of Engineers (India) Kolkata Agricultural Engineering Division -2001 onwards</li> </ul>

	<ul style="list-style-type: none"> <li>Recipient of university merit scholarship during B.Tech (Agril. Engg.) Course at Punjab Agricultural University, Ludhiana</li> </ul>
Area of specialization	Farm Power and Machinery
Research Interests	Farm Machinery Design & Development, Energy in Agriculture & Precision Farming
Total no. of publications (referred journals)	37
Selected Publications (five)	<p>1. <b>Sanjay Khar</b>. Quality of Bajra harvested by Impact Type Forage Harvester. Indian Journal of Ecology. Vol. 43:160-162</p> <p>2. <b>Sanjay Khar</b> and Shukla. L.N. Development and evaluation of a tractor operated sugarcane cleaner Agricultural mechanization in Asia, Africa and Latin America Vol. 40(4):70-74.</p> <p>3. <b>Sanjay Khar</b> and Ahuja.S.S. Quality of Berseem harvested by Impact Type Forage Harvester Indian Journal of Ecology. Vol. 36 No. 1:36-38</p> <p>4. <b>Sanjay Khar</b>, Pawan Sharma, Neerja Sharma, , Rakesh Sharma, Punit Choudhary and Manoj Kumar. Energy utilization Pattern in Tomato Production Under Dry-Land Conditions. Progressive Horticulture Vol 45(2): 330-333.</p> <p>5. <b>Sanjay Khar</b> and, L.N .Shukla. Effect of selected parameters on field performance of a tractor operated sugarcane cleaner. Journal of Agricultural Engineering. 43(4):114-118.</p>
No. of Books/manuals/Monographs	
Research Projects	<ul style="list-style-type: none"> <li>“Cluster Frontline Demonstrations of Rabi Pulses 2015-16” funded by National Mission on Sustainable Agriculture (NMSA)</li> <li>“Establishment of Micro Irrigation Systems under On Farm Water Management Component” funded by National Mission on Sustainable Agriculture (NMSA)</li> <li>“Enhancing livelihood opportunities through Agro-Technological intervention of Tribal communities of Budhal and Poonch blocks of District Rajouri and Poonch” funded by ICAR</li> <li>“Rainwater harvesting and its demonstration for supplemental benefits</li> </ul>

	<p>for Horticultural crops in sub-temperate areas” under HTMM-MM-1/2.48</p> <ul style="list-style-type: none"> <li>• “Cyber Extension Model for Agricultural Development: An Action Research.IARI-Post Office Linkage Model funded by ICAR</li> <li>• “Enhancement of livelihood security through sustainable farming systems and related farm enterprices in north-west Himalaya” funded by ICAR</li> </ul>
<p>Other achievements if any (Please specify)</p>	<ul style="list-style-type: none"> <li>• Member of district micro-irrigation committee(DMIC) under centrally sponsored scheme”Micro Irrigation”(MI) for district Poonch</li> <li>• Resource Conservation Technologies disseminated among extension officers, farmers / Farm women and rural youth through various trainings ,demonstration and publication of literature</li> <li>• Member interdisciplinary board of agro advisory services for Rajouri district</li> <li>• Member of the committee for selection of Project Director, Assistant Project Director, SMSs and other posts of ATMA Jammu and Samba for the year 2014</li> </ul>