

Name	Dr. Veena Sharma
Designation	Technial Officer/Assistant Professor
Contact Address	Official: Agromet Research Centre, Division of Agronomy, FoA, Main Campus Chatha, 180009 Residential: 393/3, Channi Himmat, Jammu180015
Email ID	Veena_sharma29@rediffmail.com
Mobile	09419125127
Professional Experience	11years
Medals Awards/ Honours/ Scholarship	<ul style="list-style-type: none"> • Merit Scholarship during M.Sc. from SKUAST-Jammu, J&K, India • Merit Scholarship during Ph.D. from SKUAST-Jammu, J&K, India • Selected for Interaction meeting with President of India Dr. A.P.J. Abdul Kalam and Nobel laureates of the world for motivation of youth in science held on February 8, 2007 at Vigyan Bhawan, New Delhi, India • Best oral paper presentation award for presenting research paper on “ Accuracy of weather forecast to issue Agromet advisory for Jammu district during 2018-19” during national seminar on Agrometeorological interventions for enhancing farmers income, Agmet-2020 organized by association of Agrometeorologists, Anand, India and Kerala Agricultural University, Thrissur at KAU, Trissur wef 20-22, January, 2020 • Best oral presentation Award for presenting research paper on “Accuracy of Rainfall Forecast for Jammu District to Issue Agromet Advisory”. at 2nd Asian Web Conference Managing Hill Resources And Diversities For Zero Hunger And Climate Resilience organized by Soil Conservation Society of India (SCSI), Meghalaya Chapter, Barapani, Indian collaboration with Central Agricultural University, Imphal, India wef 12-13 February, 2021 • Best oral paper presentation award for presenting paper on "Specialty Agriculture in the Context of Farm Economy of Himalayan Region" 2nd best oral presentation award at Regional Conference on. SKUAST-Jammu wef 21-22 September, 2022 • Best oral presentation award for presenting research paper on “Validation of Rainfall and Impact Assessment of Agromet Advisory Services for Jammu District of UT of J&K” at the (AGMET 2022) on “Advances in

	Agrometeorological Interventions for Climate Resilience Agriculture (Agmet2022)” organized at TNAU, Coimbatore, Tamil Nadu wef 15-17 February, 2023 being organized by Association of Agrometeorologists, Anand Gujarat & TNAU, Coimbatore, Tamil Nadu
Total no. of publications	94;(Research papers in peer reviewed Journals:14, Abstracts: National:32; International:3, Compendium:6, Technical Bulletin:2, Books:2, Book Chapter:18, Annual Reports :13, Popular articles: 6)
Best 10 Papers	<ol style="list-style-type: none"> 1. Sharma Veena, 2012. Influence of puddling intensity and organic amendments on soil water availability status under System of Rice Intensification and conventional transplanting. <i>Journal of soil and water conservation</i>.11 (1) 108-114.NAAS:5.20 2. Mondal A.K., Jalali V.K. and Sharma Veena, 2006. Distribution of boron and primary macronutrients in orchard soils of temperate Jammu, <i>Environment and Ecology</i>, 24S (2) 400-402. NAAS 5.25 3. Sharma Veena, Prabhakara, J., Kachroo Dilip, Samanta Abhijit. 2012. Influence of puddling intensity and organic amendments on water productivity under System of Rice Intensification and conventional transplanting. <i>Indian Journal of Agricultural Research</i>.46 (1) 75-79. NAAS:5.20 4. Sharma Veena and Singh Mahender 2020. Agromet Advisory in Subtropical Zone of Jammu – Accuracy of Rainfall Forecast. <i>Journal of soil and water conservation</i>. 19(4): 404-408. NAAS:5.20 5. Sharma Veena and Singh Mahender 2020. Agromet Advisory in Subtropical Zone of Jammu – Accuracy of Rainfall Forecast. <i>Journal of soil and water conservation</i>. 19(4): 404-408. NAAS:5.20 6. Sharma Veena and Singh Mahender, 2018. Verification of Medium Range Weather Forecast Issued for Jammu Region to Generate Agromet Advisory. <i>International Journal of Current Microbiology and Applied Sciences</i>. 7(3): 176-186.NAAS:5.38, 0 7. Sharma Charu, Singh Mahender & Sharma Rohit and Sharma Veena. 2017. Analysis of rainfall characteristics for crop planning under low altitude sub tropical agro ecological zone of Jammu region. <i>Journal of Agrometeorology</i>19 (Sp. Issue). 60-66 NAAS:6.55 8. Vishal Raina, Amarjit K Nath, Satish Sharma, Neeaj Kotwal, Rohit Sharma, Manoj Kumar Sharma, Sanjeev Kumar, Vijay Kumar, Veena Sharma, Mahital Jamwal, Rakesh Kumar and pardeep Wali. 2022. Promising Pureline Selection of Bhaderwah Rajmash (<i>Phaseolus Vulgaris</i>) and Its Molecular

	<p>Characterization. Agricultural Mechanization in Asia, Africa & Latin America .53 (04) NAAS:6.14</p> <p>9. Vijay Kumar, Manoj Kumar, Shalini Khajuria, Veena Sharma, Moniika Banotra and Rohit Sharma. 2022. Soil Aggregate and Organic Carbon Fractions in the Foothill Himalayas under Different Landuse Systems. Agricultural Mechanization in Asia, Africa & Latin America .53 (04). NAAS:6.14</p> <p>10. Sharma Veena, Singh Mahender and Sharma B.C 2020. Analysis of weather forecast of intermediate zone of Jammu region to issue biweekly agromet advisory. International Journal of Agriculture Sciences. 12(15), 2020, pp.-10114-10117. NAAS:4.73</p>
Area of specialization	Soil Sci. & Agricultural Chemistry
Field of interest	Soil water study, climate change, carbon sequestration
Agroadvisory Services:	<p>Issued Weather forecast based Agro-Advisories to farmers on biweekly (Tuesday & Friday) basis</p> <p>February-2012 to June-2014 for districts Doda, Poonch, Rajouri, Udhampur & Ramban each in English</p> <p>July 2014 to 6-11-2020 for districts Kathua & Reasi each in Hindi and English</p> <p>Current status: Prepare Biweekly (Tuesday & Friday) weather forecast based Agro-Advisories issued to farmers of district Jammu and its 20 blocks as well as district Samba and its 8 blocks each in Hindi and English through DSS as well as manually and Dissemination of advisory through mass media, electronic media, social media and mobile app</p> <p>Issuing Weather forecast based Agro-Advisories on level Division (Jammu Division) since May 2023</p>
Research Projects as Co-PI	<ol style="list-style-type: none"> 1. Co PI of GKMS Project, IMD, MoES wef Feb. 2012 2. Co PI of FASAL Project since 2016 3. PI of RCM project on study of water productivity under different methods of rice establishment and irrigation regions of basmati rice w e f 2021-22 & 2022-23 funded by SKUAST-Jammu 4. Co PI of the DST funded project Establishment Of Honeys and Other Bee Products Testing Centre in Ramban District of Jammu Division of Jammu and Kashmir UT India 5. Co PI of the DST funded project project Establishment of Integrated Beekeeping Development Centre for Promoting Bee Keeping in Jammu Region Of Jammu And Kashmir India 6. Co PI of the DST funded project project Mobilization of Farmers Through Development of Bee Village For Collective Marketing of Organic Honey
Other achievements if any (Please specify)	<p>Mobile Sms service through mkisan portal</p> <p>Initiated Weather forecast based Agromet advisory mobile sms service for farmers of Doda, Poonch, Rajouri, Udhampur & Ramban districts since 2013.</p> <p>Initiated Weather forecast based Agromet advisory mobile sms service for farmers of Jammu, Kathua, Reasi & Samba districts since 2015.</p>

	<p>Meghdoot mobile app Mobile App: Started mobile app meghdoot service for farmers in 2020</p>
<p>Trainings attended Offline Online</p>	<p>9 (8 national, 1 international) 8(6 national, 2 international)</p>
<p>Farmers awareness/training Programmes organized</p>	<p>21</p>
<p>Teaching expertise</p>	<p>PG Courses</p> <ol style="list-style-type: none"> 1. Biochemistry of Soil organic matter (SS-605) 2. Soil biology and biochemistry (SS-506) 3. Soil Chemistry (SOILS-503) 4. Soil mineralogy, genesis, classification and survey (SOILS-504) 5. System approaches in soil and crop studies (SOILS-512) 6. Modeling of Soil Plant System (SS-607) <p>UG Courses</p> <ol style="list-style-type: none"> 1. Problematic soils & their management (SSAC-221) 2. Fundamentals of Soil Science, (SSAC 111) (FoA) 3. Fundamentals of Soil Science, (NRS-111) (FoH) 4. Soil Fertility & Nutrient Management FoH (NRS-112) 5. Water Management In Horticultural crops (NRS-122)
<p>Other Activities</p>	<p>Analysis: Annual Analysis/Verification of weather forecast Collect feedback of farmer Issue Impact based forecast (IBF) during extreme weaher events Verification of IBF Mobile Sms Service mkisan portal Introduced Weather forecast based Agromet advisory based mobile sms service for farmers of Doda, Poonch, Rajouri, Udhampur & Ramban districts in 2013. ntroduced Weather forecast based Agromet advisory based mobile sms service for farmers of Jammu, Kathua, Reasi & samba districts in 2015.</p> <p>Mobile Sms delivery through mkisan portal Details of mobile sms service for farmers of below mentioned districts wef 15-10-2013 is as under. Weather forecast based Agromet advisory issued through sms for economic benefit of farmers.</p> <p>Year, No. of SMS disseminated and no. of Beneficiaries</p> <ol style="list-style-type: none"> 1. 2013: 40 mobile sms were delivered to the farmers of district Doda, Poonch, Rajouri, Udhampur & Ramban each. Number of farmers benefitted= 7781 2. 2014: 105 mobile sms were delivered to the farmers of district

Doda, Poonch, Rajouri, Udhampur & Ramban each. Number of farmers benefitted= **49521**

3. **2015 :58** mobile sms were delivered to the farmers of district Doda, Poonch, Rajouri, Udhampur & Ramban each. Number of farmers benefitted=**101749**
4. **2015:229** mobile sms were delivered to the farmers of district Jammu, Kathus, Reasi & Samba district each. Number of farmers benefitted=**506247**
5. **2016: 48** mobile sms were delivered to the farmers of district Jammu, Kathus, Reasi & Samba district each. Number of farmers benefitted= **138645**
6. **2017: 57** mobile sms were delivered to the farmers of district Jammu, Kathus, Reasi & Samba district each. Number of farmers benefitted= **221688**
7. **2018: 69** mobile sms were delivered to the farmers of district Jammu, Kathua, Reasi & Samba district each. Number of farmers benefitted=**424609**
8. **2019: 86** mobile sms were delivered to the farmers of district Jammu, Kathua, Reasi & Samba district each. Number of farmers benefitted= **789083**
9. **2020:41** mobile sms were delivered to the farmers of district Jammu, Kathua, Reasi & Samba district each. Number of farmers benefitted=**419394**
10. **2021: 67** mobile sms were delivered to the farmers of district Jammu, Kathua, Reasi & Samba district each. Number of farmers benefitted= **540745**

Meghdoot mobile app

Mobile App: Initiated mobile app meghdoot services to disseminate biweekly weather forecast based bulletin to farmers since 2020

Wats app groups

32 wats app groups are created at block level for dissemination of biweekly weather forecast based bulletin, mobile text message and voice message to farmers

Founder Member

1. Founder Members of **South Asia Forum for Agrometeorology (SAFOAM) constituted by** Editor-in-Chief, Weather and Climate Extremes (Elsevier) Senior Consultant, WMO 27 Chemin des Corbillettes 1216 Cointrin Geneva Switzerland 30th July 2020
2. Member of use of Satellite Technology committee as well as web portal SAFOAM

	<p>Member</p> <ul style="list-style-type: none">• Members Farmer Centric Advisory Cell constituted by Agriculture Production Department, Civil Secretariat Jammu/Srinagar, Government of Jammu& Kashmir to formulate advisories on Crops,/Livestock for Jammu Division of UT of J&K.• Resource person in the project "J&K soil and land resource information system" for skill programs for entrepreneurship development under Holistic Agriculture Development Program
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