

Dr. SUNIL KUMAR
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CAREER OBJECTIVE	<ul style="list-style-type: none"> ● To work in an organization where I can explore my learning to contribute individually and to achieve organizational goal by my skill and knowledge
QUALIFICATION	<ul style="list-style-type: none"> ■ PhD (Agriculture Extension Education), ICAR-National Dairy Research Institute, Karnal: OGPA 7.97. ■ Master of Science (Agriculture Extension Education), ICAR-National Dairy Research Institute, Karnal: OGPA 8.2, 2015-16 ■ Bachelor of Science (Agriculture), S.K.R.A.U Bikaner, Rajasthan: OGPA 7.07, 2010-14 ■ HPSSC, Bhadra Dist. Hanumangarh Rajasthan, BSER, 82%, 2010 ■ Govt. Senior Secondary School Barwali, Rajasthan BSER, 57%, 2008
AREA OF INTEREST	<ul style="list-style-type: none"> ● Extension services, Technology Transfer and Marketing
RESEARCH PROJECT (M.Sc)	<p>“Indigenous Technical Knowledge associated with select Cattle Breeds of Rajasthan: An Exploratory Study”</p>
RESEARCH PROJECT (PhD)	<p>An appraisal of dairy based farmer producer companies in India</p>
PROFESSIONAL TRAINING	<ul style="list-style-type: none"> ● Hands on training in 3 months Rural Agricultural Work Experience (RAWE) Programme in Bhompura Village, Nainwa, Bundi Dist., Rajasthan ● Good in Rapport building with farmers, Data Collection & Analysis, Production and Marketing related activities ● Online certificate course on fundamental of extension education by AGMOOC ● Online certificate course on probiotic and its important by AGMOOC ● Online certificate course on IPM by AGMOOC ● Online certificate course on RMDA by AGMOOC ● Online certificate course on entrepreneurship by AGMOOC ● Online certificate course on e-Extension by AGMOOC ● Online certificate course on conservation agriculture by AGMOOC ● Online certificate course on management of storage pest by AGMOOC ● One-month internship at CCSNIAM Jaipur on global good practices in agricultural marketing ● Training on organic farming conducted by KVK Sangria, Hanumangarh ● Training on food and nutritional security through climate smart agriculture practices conducted by ICAR-IIWBR Karnal ● Training on data analysis tool and approaches conducted by ICAR-IIWBR Karnal ● Training on research writing in the social sciences conducted by INASP, an international development organization in the UK ● E-Workshop on MS Excel for beginners by Info organization ● Training programme on innovative ideas for entrepreneurship development for livestock sector

	<ul style="list-style-type: none"> ● Research Internship Programme on Global goodpractices in agricultural marketing at CCS NIMA Jaipur under DG NIAM ● NAARM MOOC on Digital Assessment ● Faculty development programme using SPSS
<p style="text-align: center;">SKILLS SET</p>	<ul style="list-style-type: none"> ■ Technical Skills: Image –J, Adobe Photoshop, Audacity, movie making, MS Office, Statistical software, PRA, RRA, data collection and good in operating audio –visual aid. ■ Soft Skills: Effective Communication, Leadership, Self-Motivating, Target Oriented, and Positive attitude.
<p style="text-align: center;">AWARDS/ ACHIEVEMENTS</p>	<ul style="list-style-type: none"> ● Selected for scholarship under Central Sector Scholarship Scheme for Collage/ University student 2010 & 2011 ● NCC Certificate “B” holder actively Participated in 15 days NCC camp held in Jodhpur Rajasthan by 3rd Raj. Battalion and learning of Parasailing, Gun Shooting and other army activity. ● Participated in National Service Scheme Camp organized by S.K. COLLEGE SANGRIA Rajasthan held at sangria in 2010 and sangria in 2011 ● Participant in BLOOD DONATE CAMP organized by S.K. COLLEGE SANGRIA Rajasthan held at sangria in 2010 ● Selected for institution scholarship award as PG student (2014-2016) at ICAR-NDRI Karnal ● Qualified AIEE for SRF conduct by ICAR in 2017. ● Selected for institution scholarship award for PhD student (2017-18) at ICAR-NDRI Karnal ● Selected for NFOBC-2019 scholarship from UGC. ● Qualified ASRB NET in Extension Education during 2016, 2017, 2018 ● Reviewer of American Journal of Agriculture and Forestry ● Editorial board member for one year in Journal of Zoological Research ● Annual member of agriculture and food e-newsletter magazine ● Editorial board member of agriculture and food e-newsletter magazine ● Editorial board member in Acta scientific Journal of veterinary sciences ● Editorial board member of SCIREA journal of of agriculture ● Editorial board member of Sabujeema-An international multidisciplinary e-magazine ● Reviewer of Asian journal of agriculture extension, economic and sociology ● Reviewer of international journal of plant and soil science ● Reviewer of international journal agricultural marketing ● Editorial board member Journal of Veterinary and Marine Science ● Young researcher award 2019 in national conferences national conferences in organized collaboration of Dudh Dairy Vyavasaay Sangh, Gwalior and Jiwaji University, Gwalior at Gwalior ● Best poster presentation award (1st) in national conferences in organized collaboration of Dudh Dairy Vyavasaay Sangh, Gwalior and Jiwaji University, Gwalior at Gwalior ● Best poster presentation award (1st) in international conferences GAAFES-2019 at Kamaun University, Nainital, Uttarakhand, India. ● Participant in world milk day awareness quiz 2020 organized by Parni Bikas Dhara and got third places. ● Best outstanding young researcher national award 2021 from kamarajar institute of education and research, Theni Tamil Nadu. ● Best oral presentation award in ISEE 2021 at BHU ● Best poster presentation award in SEE 2023 at Jaipur ● Best Innovative article award 2021 entitle “Silage: Boon for animals in absence of green fodder ● Best article of the year award 2019 entitle “Future of agriculture in India

	<ul style="list-style-type: none"> ● Best article of the issue award 2019 entitle “Rural agriculture services center for smart village system in India”
<p>SEMINARS ATTENDED</p>	<ul style="list-style-type: none"> ● Participant in 12th Agriculture Science Congress 2015 at ICAR-NDRI Karnal ● Participant in 8th GCRA international conferences on innovation digital applications for sustainable development 5-7 Jan. 2016 at UAS Bangalore ● Participant in Dairy Mela 2015 at ICAR-NDRI Karnal ● Participation in national conferences on “Doubling farmers’ income by 2022” at HAU Hissar. ● Participant in national conferences on “strategy for enchasing productivity of indigenous cattle at SRS of ICAR-NDRI Karnal ● Participant in alumina meet 2019 of ICAR-NDRI Karnal ● Participant in national conferences on “entrepreneurship and innovation in agriculture for socio economic empowerment of farmer at Bikaner ● Participant in national conferences on “ASDFI 2017 at RAJUVAS Bikaner ● Participant in national conferences on “alternative farming system to enhances farmer income at Solan, HP ● Participant in national conferences of Haryana economic association at CCSHASU Hissar ● Convenor FFT-IIT 2019 held at ICAR-NDRI Karnal ● Participation and poster presentation in ISEE 2019 ● Participation and poster presentation in conferences on entrepreneurship issue and challenge in dairy and food processing industry organized collaboration of Dudh Dairy Vyavasaay Sangh, Gwalior and Jiwaji University, Gwalior at Gwalior ● Participation and poster presentation in international conferences at Kamaun University, Nainital, Uttarakhand, India. ● Participation in national seminar on “Strategies for enhancing productivity of indigenous cattle” organized by SRS of ICAR-NDRI Karnal ● Participation in national seminar on “ICT application in changing face of agrculture” by BAU Ranchi Jharkhand ● Participation in international conference on ABCD 2017 organized by ATDS ghaziabad UP association with Department of horticulture CCS university Meerut UP ● Participation and poster presentation in ISEE 2019 at Bikaner ● Participation and poster presentation in ISEE 2019 at Hisar ● Participation and poster presentation in ISEE 2021 at BHU ● Participation and poster presentation in SEE 2023 at Jaipur
<p>Experiences</p>	<ul style="list-style-type: none"> ● Work as a SRF at ICAR-IIWBR Karnal from 8/8/2016 to 31/3/2017 ● Work as a SRF at ICAR-NDRI Karnal from 4/1/2021 to 30/12/2 ● Work as teaching associate at college of dairy science and technology, RAJUVAS Bikaner from 1/1/2022 to 19/05/2022 ● Work as SMS (Extension Education) at KVK Phalodi, AU Jodhpur from 23/05/2022 to 08/08/2023. ● Work as Assistant Professor at college of dairy science and technology, RAJUVAS Bikaner from 10/08/2024
<p>PERSONAL DETAILS</p>	<ul style="list-style-type: none"> ● Date of Birth : 10th June , 1993 ● Father’s name : Shri Krishan kumar. ● Father occupation : Agriculturist ● Languages known : Rajasthani, Hindi, Punjabi, Haryanvi and English ● Permanent address : Village-Barwali, The. –Noher, Dist.-Hanumangarh State – Rajasthan Pin Code – 335504

**Research
contribution**

	Title	Journal	NAAS Rating
1.	Scientific rationality, perceived effectiveness and adoption of traditional knowledge practices associated with sahiwal cattle breed of Rajasthan state	Indian Journal of animal science	6.38
2.	Assessment of farmer's perception about farmer producer companies in India	Indian journal of agriculture science	6.40
3.	Identifying and prioritizing the stakeholder's linkages of dairy based farmer producer companies in India: An AHP Process	Indian Journal of animal science	6.38
4.	Impact of Organic Farming Training on the Knowledge of Farm Women: A Pre-Post Analysis	Indian Res. J. Ext. Edu	5.22
5.	Socio-Economic Profile, Motivational Sources and Reason Behind Joining the Farmer Producer Companies by the Dairy Farmers in India	International journal of plant and social science	5.07
6.	An Appraisal of Financial Sustainability of Dairy-Based Farmer Producer Companies in India	Indian Journal of Extension Education	5.95
7.	Development of Tool to Measure the Farmers' Perception towards Dairy-Based Farmer Producer Companies	Indian Journal of Extension Education	5.95
8.	Management practices of indigenous cattle adopted by the farmers in thar desert region of Rajasthan state	Indian Journal of dairy science	5.95
9.	Feeding and milking management practices adopted by indigenous cattle farmers in thar desert of Rajasthan	Journal of animal's health and production	4.62
10.	Socio-economic profile and communication behaviour of indigenous cattle dairy farmers in thar desert of Rajasthan	Advances in Life Sciences-An international journal	3.15
11.	Climate Smart Village: A Model for Sustainable Agricultural Development	Indian Journal of Ecology	5.79

12. Perceived Constraints of Farmers in Indigenous Cattle Dairy Farming in Rajasthan, India	Journal of Animal Health and Production	4.62
13. Constraints Faced by Farmers in Adoption of Indigenous Technical Knowledge Associated with Indigenous Cattle Dairy Farming in Rajasthan	Journal of Community Mobilization and Sustainable Development	5.28
14. An Inventory of Ethno-Veterinary Medicine (EVM) for Treatment of Indigenous Cattle in Western Rajasthan, India	Journal of Community Mobilization and Sustainable Development	5.28
15. Socio-Economic Profile, Motivational Sources and Reason Behind Joining the Farmer Producer Companies by the Dairy Farmers in India	International journal of plant and soil science	5.07
16. A Case Study of Dairy-Based Farmer Producer Company in Haryana: Collective Action Approach for Enhancing Farmer Income	Asian Journal of Agricultural Extension Economics & Sociology	4.86
As co-author		
17. Global dairy crisis: reality or myth	Metalogic in science	5.12
18. Yield attributes, yield, quality, weed index, nutrient content and uptake of plant as influenced by different planting methods and weed management practices in mustard (<i>brassica juncea</i> l.)	Progressive Research – An International Journal (Published)	3.84
19. Growth, development, physiological growth parameters and yield of grain amaranth as influenced by integrated nitrogen management under south Gujarat condition	International Journal of Chemical Studies	5.31
20. Entrepreneurial Behaviour of Dairy Farmers in North-Western Rajasthan	IJCMAC	5.38
21. Perception, Yield Sensitivity and Adaptation Strategies to Climate Change: Insights from Wheat Production in India	IAAE	
22. Utilization Pattern of Feed and Fodder for Dairy Animals in Rajasthan State of India	International Journal of Livestock Research	5.36

	23. Descriptive Analysis of Attitude Towards Students READY Programm	Indian Journal of Extension Education	5.95
	Project report (working as SRF) Tracking wheat yield sensitivity to weather variability across Indian transect for climate smart farming ICAR-IIWBR Karnal P.I.- Dr. Sindhil R.	Submitted ICAR	
	Book Published as lead author 1. Traditional knowledge practices for treatment of indigenous cattle 2. Global good practices in agricultural marketing	Lambert Academic publishing ISBN- 978-613-9-45712-0 ISBN-978-81-943252-1-5	
	Book chapter 1. Ethno-vetenary medicine (evm) practiced by livestock farmers in India: a review 2. Measurement of treble dairy farmers awareness toward climate change: a procedural approach 3. Climate smart village model A model for sustainable agriculture development	ISBN: 978-93-84113-90-2 ISBN: 9789352812868 ISBN: 9789352812868	
Popular Article			
	<ol style="list-style-type: none"> 1. E-NAM and its importance 2. Climate change and its impact of crops and livestock 3. cnyrs okrkoj.k esa vf/kd mRiknu o vk; ds fy, vk/kqfud d`f"k if}fr;kj 4. Doubling farmers income by 2022 5. Decision support system for commercial dairy farmers 6. Mulching and its importance 7. Indigenous traditional knowledge in sustainable livestock development 8. □□□□□□ □□ □□□□□□ □□ □□ □□□□ □□□□□□ 9. □□□□□□: □□□ □□□□ □□ □□□□ □□ □□□□ □□ □□□□ 10. □□□□□□□□ □□□□□□ □□□□□□ □□□□□□ □□□□ □□□□ □□□□□□ □□□□□□□□ 11. □□□□□ □□□ □□□□□□ □□ □□□□□□ □□□ □□□□ 12. □□□□□□□ □□□ □□ □□□□□ □□ □□□□ □□ □□□□ □□□□ □□□□ 	<p>Swarnima Published by ICAR-IIWBR Karnal Training Compendium Published by ICAR-IIWBR Karnal Dainik Maru news published from Ganganager (1172017-2019) Samarika Published by ICAR-IIWBR Karnal Swarnima Published by ICAR-IIWBR Karnal Training Compendium Published by ICAR-IIWBR Karnal Published by vetenary association Published by Kheti duniya Dainik Maru news published from Ganganager (1172017-2019) Published by MUPAT in Partap kheti September Published by Kheti duniya Published by Kheti duniya</p>	

13. Rural agricultural services center for smart village system in India	Published by Biotech Article Online publisher
14. Some plant use for ethno-veterinary medicine by rural people	Published by Biotech Article Online publisher
15. Aloe Vera farming_ Protection against climate change in Rajasthan	Published by Biotech Article Online publisher
16. □□□ □□□□ □□□□□□□□ □□□□□□□ □□□ □□□□ □□□□□	Published by Kheti duniya
17. Pashuo me thnela rog ki roktham or upay	Samarika Published by ICAR-IIWBR Karnal
18. mission 2022: kisano ki aay duguna krne ki shmbhavnaye avm shujav	gehu avm joo swrnima by icar-iiwber karnal
19. adhunik krishi phdtiyo : aay duguna krne ka utm shadhan	gehu avm joo swrnima by icar-iiwber karnal
20. animals ka bhanjhpan karn and niwarn	smarika icar-iiwbr karnal
21. fasl chkr v use hone wale labh	Published by Kheti duniya
22. navjat calf ki dhekbhal	keshav kheti
23. Badlte vartman me simit sanshadhno se adhik utpadhan ke liye akikart krishi parnali	ASDFI at RAJUVAS Bikaner
24. Bee keeping	kheti duniya
25. AI dwara nasal sudhar	partap kheti by Udaipur
26. Pashupalan me santulit ahar ka matav	kheti duniya
27. Extension stretiges for adoption of CA	Indian farmer
28. Smart information system: an innovative tool for dairy management	FTF IIT compendium by ICAR-NDRI Karnal
29. Farmer producer organization: present time need and important	Smarika icar-iiwbr karnal
30. Modern tool for dairy extension: mobile app	Smarika icar-iiwbr karnal
31. Shposhit krishi: pryavaran sanrhksran ka sadhan	Smarika icar-iiwbr karnal
32. Rural agriculture services center for smart village system in India	Agriculture and food Agriculture and food
33. Linking farmer directly to household and consumer: A family farmer approach	

	<p>34. Future of agriculture in India</p> <p>35. Management of stray animal</p> <p>36. Importance of Indigenous Cattle as Well as Indigenous Technical Knowledge</p> <p>37. Importance of militias in non-gluten food grain</p> <p>38. Importance of feeding mineral mixture to milch animals</p> <p>39. Silage: Boon for animals during scarcity of green fodder</p> <p>40. Indigenous Cattle Farming Based IFS Model: A Success Story from Rajasthan</p>	<p>Agriculture and food</p> <p>Pashusendesh</p> <p>Acta scientific journal of vetenairy sciences</p> <p>Krishan kiran</p> <p>Sabujeema</p> <p>Sabujeema</p> <p>Food and Scientific Reports</p>
Abstract		
	<ol style="list-style-type: none"> 1. Climate smart extension for improving the livelihood status of small holders in global perspective for holistic and sustainable development 2. Rural agricultural service center for smart village system in India 3. Role of traditional media in agricultural technology transfer 4. Crop diversification in dry land area: the need of future for sustainable crop production 5. Climate Smart Village: A Model for Sustainable Agricultural Development 6. Family farmer: a new concept just like family doctor 7. Producer organization: a collective action approaches 	<p>XIII Agricultural sciences congress at UAS Bangalore</p> <p>8th GCRA International conference on “Innovative Digital Applications for Sustainable Development” at UAS Bengaluru Same in 8GCRA</p> <p>National conferences on natural resources management in arid and semi-arid ecosystem for climate resilient agriculture and rural development 17-19 February 2016 SKRAU Bikaner</p> <p>National Conference on Alternate Farming Systems to Enhance Farmers’ Income at Dr. YS Parmar university Solan HP</p> <p>National Conference on entrepreneurship and innovation in agriculture for socio economic</p>

	for enhancing farmer income 8. Exploring the role of farmer producer organization in enhancing farmer income	empowerment of farmer (march 12-13 2019 Bikaner) ISEE-2019 at Bikaner International conferences at Kamou university Nanital
	Conferences paper (co-author) Perception, Yield Sensitivity and Adaptation Strategies to Climate Change: Insights from Wheat Production in India	Presented at 30 th international conferences of agricultural economics at Vancouver
	Folder and Booklet	2 booklet and 5 folder published
	Projects	LEDP “Livelihood entrepreneurship development programme through organic farming among women” NABARD Project at KVK Phalodi @ 15 lakh