

Bio-Data

Dr. Pranav Kumar
Professor & Head

Division of Veterinary & Animal Husbandry Extension Education
Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura
SKUAST-Jammu

Mail Id: vet_pranav@rediffmail.com
pranavkumar27@skuastj.org



Sher-e-Kashmir
University of Agricultural Sciences & Technology of
Jammu

Bio-data of Dr. Pranav Kumar

1	Name	Dr. Pranav Kumar S/o Late (Shri) Jai Prakash Narayan Singh				
2	Education	S. No.	Examination Passed	Year	Name of the Board /University	Division
		1.	Matric	1992	Sainik School Tilaiya, Jharkhand; CBSE	I
		2.	Inter	1994	Sainik School Tilaiya, Jharkhand; CBSE	II
		3.	B.V.Sc.& A.H.	2001	College of Veterinary Sciences, Rajendra Nagar, Hyderabad, ANGRAU, A.P.	I
		4.	M.V.Sc.	2005	Indian Veterinary Research Institute (IVRI), Izzatnagar, Bareilly, U.P	I
		5	NET	2006	U.G.C	
		6	Ph.D.	2021	SKUAST-Jammu	I

3	Professional Exp.	20 years (Govt. sector 16.5 Yrs + Private sector 3.5 Yrs)					
		S. No.	Name of the post held	Name & Address of Employer	Period		Reasons for leaving the post
					From	To	
	At present						
		1	Professor	Faculty of Veterinary Science & A. H; R. S Pura, SKUAST-Jammu	21 st August 2026	Till date	Continuing
			Associate Professor	Faculty of Veterinary Science & A. H; R. S Pura, SKUAST-Jammu	5 th May 2023	20 th August 2026	Selected as Professor
			Assistant Professor (Senior Scale)	Faculty of Veterinary Science & A. H; R. S Pura, SKUAST-Jammu	5 th May 2020	4 th May 2023	Promoted to Associate Professor
			Assistant Professor	Faculty of Veterinary Science & A. H; R. S Pura, SKUAST-Jammu	5 th May 2015	4 th May 2020	Grade Pay change
			Assistant Professor	Faculty of Veterinary Science & A. H; R. S Pura, SKUAST-Jammu	5 th May 2010	4 th May 2015	
	Appointment prior to joining SKUAST-Jammu	2.	Assistant Manager (Dairy operation) at Hanumangarh, Rajasthan	Hariyali Kisan Bazar (Dairy operation) DCM Shriram Consolidated Ltd, (DSCL) Noida	16 th March 2010	3 rd May 2010	Selection as Asstt. Prof. in SKUAST-Jammu
		3.	Senior Executive (Dairy Operation) at Dholpur, Rajasthan & Agra, U.P.	Mother Dairy, New Delhi	22 nd Aug. 2007	15 th March 2010	Better job opportunities
		4.	Subject Matter Specialist (Vety. Doctor) Dholpur , Rajasthan	PRADAN, an NGO New Delhi	10 th January 2007	20 th August 2007	Better job opportunities
		5.	Area Officer Muzaffarnagar, U. P	IndiaGen Ltd., Meerut, U.P.	23 rd Oct. 2006	5 th Jan. 2007	Better job opportunities

4	Publications	51 (Research Papers: 44, Review articles: 07)				
	Selected publications (Best ten)	Title of research paper				
		J. Singh, Pranav Kumar, and A. Singh 2020. Dissemination of information to dairy farmers in Jammu and Kashmir: Developing a web module. <i>Information Development</i> , 20(10): 1-13.				
		NAAS Rating/I.F				
		8.08				

		Pranav Kumar , A. Singh, H. Tripathi, A. Kumar, B. Brahma, A. Singh, J.S Sasan and S. Kumar (2025). Trends, Challenges, and Opportunities in the Current Landscape of India's Wool Sector: A Review. <i>Agriculture Association of Textile Chemical and Critical Reviews Journal</i> , 13 (3): 176-184	6.00
		Anna Singh and Pranav Kumar (2025). A scale to measure attitude of farmers regarding scientific wool and pelt production. <i>Journal of Livestock Science</i> , 16: 661-670	6.50
		Adil Masood Khateeb, S. A. Khandi, Pranav Kumar , M.S Bhadwal & Rizwan Jeelani Ethno-veterinary practices used for the treatment of animal diseases in Doda district, Jammu & Kashmir. <i>Indian Journal of Traditional Knowledge</i> 14 (2):306-312	7.00
		R. Jeelani, S. A. Khandi, M. Y. Beig, Pranav Kumar and M. S. Bhadwal. 2015. Adoption of improved animal husbandry practices by Gujjars of Jammu and Kashmir. <i>Indian Journal of Dairy Science</i> . 68 (3):287-292	6.20
		A. Singh, R. Tiwari, P. S. Nagra, P. Panda, G. Kour, B. Singh, Pranav Kumar and T. Dutt. 2023. Predicting opinion using deep learning: From burning to sustainable management of organic waste in Indian State of Punjab. <i>Waste Management & Research</i> 1–10	10.30
		M. Kour, N. Khan, N.P.Thakur, S. Amrutkar, S. A. Khandi, Pranav Kumar and V. Mahajan (2024). Influence of different seasons and techniques on the yield and quality of vermicompost using under subtropical conditions of India. <i>Annals of Forest Research</i> , 67(2): 21-35	8.90
		Pranav Kumar , P.S, Slathia, Rajinder Peshin, R.K. Sharma, Malik, M.A, Soodan, J.S, Singh, Amandeep and Kumar, Rakesh. 2021. Development and Standardization of Knowledge Test on Organic Dairy Farming (ODF) Practices in Sub Tropics of Jammu Region of Union Territory of Jammu and Kashmir (India). <i>Journal of Community Mobilization and Sustainable Development</i> , 16(2): 633-642	5.67
		Pranav Kumar , P.S, Slathia, Rajinder Peshin, R.K. Sharma, Malik, M.A, Soodan, J.S, Singh, Amandeep and Kumar, Rakesh. 2021. Scale to Measure the Attitude of Organic Basmati Growers cum Dairy Farmers towards Organic Dairy Farming in Subtropics of Jammu Region of India. <i>Ruminant Science</i> , 10 (1):117-122	5.38
		Aditya Kumari, Pranav Kumar , A. Kumar and A. Singh. 2020. Development and Standardization of Knowledge test on Value addition of milk. <i>Indian Journal of Extension Education</i> , 55 (2)101-105.	5.95

5	Books/ Manuals/ Extension literature	- Books: 4, Edited books: 3, Contributory chapters in edited books: 29, - Chapters in training manuals: 63, Extension Booklets: 11	
		- Popular articles / Newspaper clippings: 31, Extension Folders: 67 - Invited Papers / Lead papers published as Conference Proceedings: 15, - Case studies: 6, Blog: 2 ;	
		- No. of Papers presented in Seminar/Conferences/Symposia: 37, - Abstracts published: 59,	
		- Training manuals/compendium: 9 - Practical Manuals: 2, Field manuals: 7	
		- Documentation of Success stories: 28 - Status cum Policy document: 2 - Status Report 2020: <i>Dairying in India & J & K (Pre -Covid Scenario, Impact of Covid 19 & Way Forward</i> - Status -cum-Policy Document on Livestock in J & K	

Teaching

6	Courses taught	Undergraduate courses
		VAHEE (3+1) Veterinary & Animal Husbandry Extension Education NSS (0+1) National Service Scheme RAWE (0+1) Rural Agricultural Work Experience AEC (1+1) Personality Development
		Postgraduate courses
		EXT 601 Development Perspectives of Extension Education 2+1 EXT 602 Communication for Livestock Development 1+1 EXT 603 Diffusion and Adoption of Innovations 2+1 EXT 604 Programme Planning and Evaluation 1+1 EXT 607 Livestock Entrepreneurship 1+2 EXT 609 Gender Empowerment and Livestock Development 1+0 EXT 701 Organizational Leadership and Management 2+0 EXT 702 Recent Trends in Research Techniques in Social Sciences 2+1 EXT 703 Training for Development 1+1 PGS 505Agricultural Research, Research Ethics and Rural Development Programmes 1+0

Research projects on-going & completed

7	Research Projects Externally funded: 8 University funded: 1	S. No.	Name of the project	Funding Agency	Budget (lacs)	Duration	Status	PI / Co-PI
		1	Identification of Constraints and Development of Sustainable Value Processing Modules for Wool Industry	HADP, Govt. of J&K	20.00	2 Years	Ongoing	PI
		2	Gendered Analysis of Climate Risks and Adaptation Strategies in Livestock Farming in Jammu division of UT of J&K	National Commission for Women (NCW), GoI, New Delhi	06.82	Half year	Ongoing	PI
		3	Capacity building of farm women through livestock farming	NCW, GoI, New Delhi	20.52	2 Years	Completed	PI
		4	Rural Women Technology Park in Deoli Village, Bishnah block, Jammu district, J&K state	SEED, DST, GoI.	43.33	3 years	Completed	Co-PI
		5	Socio-economic upliftment of rural weaker section (SC/ST) by scientific interventions and amelioration of production diseases in dairy animals	DBT, GoI.	40.62	3 years	Completed	Co-PI
		6	Documentation, Revival and Upscaling of Indigenous Knowledge Systems for Scientific Development in Pir Panjal and Shivalik ranges of UT of Jammu and Kashmir	SHRI, DST, GoI, New Delhi	74.34	3 years	Completed	Co-PI
		7	Use of sex sorted semen for improvement of dairy animals of Jammu district	University funded	00.80	2 years	Completed	Co-PI

		8	Documentation, Validation & Extension of suitable package of practices (POPs) of Indigenous Technical Knowledge and Practices (ITKPS) in treatment of various ailments of Livestock in Jammu Division of J&K State	National Innovation Foundation (DST), Ahmedabad, India	08.44	2 years	Completed	Co-PI
		9	Creation and capacity building of women self-help group members of UMEED as paravets Pashu Sakhi)	Jammu and Kashmir State Rural Livelihood Mission (JKSRLM),	03.63	2 years	Completed	Co-PI

Research projects submitted

S. No.	Name of the proposed project	Funding Agency	Budget (lacs)	Duration	Status	PI / Co-PI
1	Strengthening Employability and Professional Competencies among students of Agriculture and Allied Sciences through development of a 4 Credit, 12 Week MOOC on Communication Skills and Personality Development	Education Division, ICAR, New Delhi	20.00	1 Year	Submitted for funding	PI
2	Strengthening Gender-Responsive Antimicrobial Stewardship and Sustainable Livestock and Poultry Farming in Jammu Region	Indian Council of Social Science Research (ICSSR)	29.61	2 Years	Submitted for funding	PI

8	Research interests	- Gendered analysis, climate change, Organic Livestock Farming, Indigenous Technical Knowledge, Animal Waste Management - Livestock Entrepreneurship, Livestock extension delivery system - Design and development of Web Modules, Women empowerment through livestock rearing, Animal Welfare; SWOT, STEEP, Constraint analysis - Role of ICT in livestock development, Diffusion & Adoption, Impact analysis
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9. Research at post graduate level

Degree(s)	Title of Dissertation /Thesis	Year	Mentorship	University
M.V.Sc	A critical appraisal of “Women’s Dairy Cooperative Leadership Programme” in Begusarai District of Bihar	2005	Dr. M.K. Mandape Dr. Rupasi Tiwari	IVRI, Izzatnagar, Bareilly, U.P.
Ph.D.	Behavioural dynamics of farmers towards adoption of organic dairy farming in sub-tropics of Jammu region of Jammu and Kashmir state	2021	Dr. P.S. Slathia Dr. Rajinder Peshin	SKUAST-Jammu

10	Student Advisory (M.V.Sc) 13	Guided 13 M.V.Sc and 1 Ph.D students as Major Advisor
	Ph.D. 01	Member of Advisory Committee: 18 students
		One

Extension

11. Extension activities	Training programmes organized				
15 days training programme: 2	Course coordinator of 15 days training programme on “Scientific Interventions to Improve the Productivity of dairy animals” sponsored by 118 Medium Regiment of Indian army under Operation Sadbhavna held at F.V.Sc & A.H, RS Pura. W.e.f. 24 th November to 08 th December, 2020.				
5 days training programme: 13	Course coordinator of 15 days training programme on “Entrepreneurship development through Dairy farming & Value addition of milk” sponsored by 118 Medium Regiment of Indian army under Operation Sadbhavna held at F.V.Sc & A.H, RS Pura. w.e.f. 27 th October-10 th November to 2020.				
4 days training programme: 3	Course Coordinator for MANAGE, Hyderabad sponsored 4 days MOOCS training programme on “Contemporary Approaches for Sustainable Livestock Farming in Hilly area” w.e.f. 20-23 October, 2020.				
MOOC: 1	Programme Director, one-day workshop on “Development of Soft Skills for Entrepreneurship Development” for the final year B.V,Sc & A.H students including interns, being sponsored by NAHEP-ICAR-NAARM, Hyderabad on 21 st February, 2023				
30 days training programme: 2	Training Coordinator of two numbers of 30 days Skill Development Programme on “Integrated Dairy Farming and Vermicompost making” in collaboration with LHWRF, Jammu and Supported by NABARD, Jammu w.e.f. 20 th December 2022 to 2 nd February 2023				
One day training programme: 5	Training Co-coordinator of IDP sponsored 2 days entrepreneurship training programme on “Startup opportunities for profitable livestock farming” from 17-18 June, 2022.				
2 days training programme: 8	Training Coordinator of 12 Nos. of NCW sponsored five days training programme on “Capacity building Women through livestock farming”				
3 days training programme: 1	Training Co-coordinator of IDP sponsored one day workshop on Veterinary Practice and Updates”				
Students’ village visits (Hands on data collection): 12	Training Coordinator for one day training programme for dairy farmers on ‘Innovative dairy farming practices’				
Students’ field visits (dairy / poultry farms): 11	Coordinator (display of exhibits of Faculty of Veterinary Sciences) during Vishal Pashudhan Vyapar Mela at Hiranagar, Kathua on 28 th and 29 th July, 2021				
Motivational talk to School children: 3	Motivational talk on ‘Career, Scope & Opportunities in Veterinary Science’ to school children during Kisan Melas				
TV Talk: 1	TV talk @Doordarshan, Jammu on 13 th January, 2026 on Organic Dairy Farming: Standard, Scope and Potential				
FGDs & KIIs (18)	Focused Group Discussions (FGDs) & Key Informant Interviews (KIIs) were conducted related to Revival of Wool sector and Impact of Climate Change on Livestock Farming in Jammu division of UT of J&K				
Workshops (2)	Organized one day workshop on “Soft Skills for Entrepreneurship development for final year B.V.Sc & A.H. students” & “Augmentation of Meat sectors in Jammu & Kashmir”				
12. Extension literature developed	Extensively authored extension literature in Hindi and English for farming and scientific community in the form of 4 Books, 3 Edited books, 29 Contributory chapters in edited books, 63 chapters in training manuals, 11 extension booklets, 31 popular articles/newspaper clippings, 67 extension folders, 15 invited papers/lead papers published as Conference Proceedings, 6 case studies, one blog, 9 training manuals/compendium, 2 Practical manuals, 7 field manuals and 2 status report.				
13. Books	Title	Authors	Publisher	ISBN	Year
	A Textbook on “Livestock	Devesh Thakur and Pranav Kumar	NIPA, New Delhi.	ISBN: 9789383305650	2015

	Entrepreneurship Management”			214 pages	
	Handbook for Poultry Entrepreneurs	Pranav Kumar and Amandeep Singh	Biotech Books, New Delhi	ISBN: 9788176224246 573 pages	2018
	A Handbook for Dairy Entrepreneurs	Pranav Kumar and Amandeep Singh and Devesh Thakur	NIPA, New Delhi.	ISBN: 9789387973497 424 pages	2019
	Entrepreneurial Behaviour of Dairy Farmers- A multidimensional study	Rohan Sharma and Pranav Kumar	Lambert Academic Publishing	ISBN-10 : 6202522682	2020
14. Edited Books	AI and Digital Health Technology in Animal Health Care and Welfare	S.R. Upadhyay Kafil Hussain Neelesh Sindhu Pranav Kumar M. S.Azad Shikha Sharm	NIPA GENX ELECTRONIC RESOURCES & SOLUTIONS P. LTD	ISBN 978-93-58878-47-9	2025
	Contemporary Issues in Animal and Veterinary Sciences. (Eds.)	D. Kumar, D. Chakraborty, Pranav Kumar and V. Mahajan	SATISH SERIAL PUBLISHING HOUSE, Delhi	ISBN: 9789388020015 Pages: 224	2018
	Current Concepts in Sheep and Goat Production, Management and Healthcare. (Eds.)	S. A. Khandi, Pranav Kumar and Rizwan Jeelani	Faculty of Veterinary Sciences and Animal Husbandry, SKUAST-Jammu, India.		2015
15. Training/ Field manuals in Hindi & English	- Prashikshan manual (part-1) <i>Pashupalan Ke Madhyam se Mahila Shasaktikaran</i> - Prashikshan manual (part-2) <i>Pashupalan Ke Madhyam se Mahila Shasaktikaran</i>				
	<i>Jammu ke Dairy Kisano ki Safalta ki Kahaniyan- Success stories</i> - Success Stories: Rural women Technology Park (WTP) SEED/WTP/088/2015				
	- A Handbook in Hindi on “Farmer Friendly Livestock apps” - A Handbook in Hindi on “Farmer Friendly Govt. Schemes & Outreach Programme”				
	- Training manual in Hindi on “<i>Vermicomposting: Aaya Ka ek Vaikalpik Shrot</i>” - Training manual in Hindi on “<i>Dudharoo pashuon ki utpadakta badhane ke liye vaigyanik hastakshep</i>” - Training manual in Hindi on “<i>Dairy farming avam doodh ke mulya samvardhan dwara uddamita vikas</i>”				
	- Manual in Hindi on <i>Swacchh Doodh Utpadan avam Doodh Prasanskaran</i> - Manual in Hindi on “<i>Swachh Maans avam Maans Prasankaran</i>” - Manual in Hindi on <i>Swachh Machhli Utpadan avam Matsya Prasanskaran</i>				

	- Field Manual on “Integrated Livestock Farming” - Field Manual on “Scientific Dairy Practices” - Field Manual on “Layer Farming” - Field Manual on “use of indigenous technical knowledge in animal health” - Field Manual on “Broiler Farming” - Field Manual on “Backyard Poultry Farming” - Field Manual on “organic livestock farming”
	Manual in Hindi on <i>Swaksha Dugdh Utpadan</i> for the training programe on “<i>Pashu Palkon Hetu Ek Diwsiya Prashikan Kary Kram</i>”.
16. Extension folders/ booklets	- Extension folder in Hindi on ‘Lumpy Skin Disesease’ - Extension folder in Hindi on ‘cattle dung based entrepreneurial opportunities’ - Extension folder in Hindi on ‘Schemes for dairy development’ - Extension folder in Hindi on ‘Schemes for Poultry development’ - Extension folder in Hindi on ‘Schemes for Small Ruminant development’ - Extension booklet in Hindi on ‘Home Remedies (ITK) for livestock ailments’ - Extension booklet in Hindi on ‘Javik Pashupalan Manak’ - Extension booklet in Hindi on ‘Organic Dairy Farming’
17. IIT-Jammu’s 12 Pitch Deck competition	Presented an idea-based projects on Entrepreneurial Animal Waste to Wealth management to IIT-Jammu’s 12 Pitch Deck competition and got appreciation certificate for the same
18. Consultancy	Providing consultancy to the farmers about livestock through creation of - WhatsApp group of farmers with the name “ProgressiveDairyFarmersJK” - WhatsApp group of farmers with the name “Organic Dairy Farming” 12 Nos. of WhatsApp group of farmers with the name “NCW Trg Empowering farm women” - Member of Kisaan Call Centre, SKUAST-Jammu

Awards/Honours/Scholarships

19	Awards/ Honours/ Scholarships	‘Best Extension Scientist award’ by Society of Veterinary & Animal Husbandry Extension (SVAHE) ‘Fellow Award’ by Indian Society of Extension Education (ISEE) ‘Young Scientist Award’ by Indian Society of Extension Education (ISEE) ‘Excellence in Extension award’ by Society of Agriculture Innovation and Development ‘Best Author Award’ by Society for Scientific Development in Agriculture & Technology - Dr. V. Kurien award of Excellence 2023 for erudite and informative essay in the National level Essay writing competition held to celebrate World Milk Day (1st June 2023) on the topic “Innovative Technology and Practices transforming India’s Dairy Farming Sector - Best Oral Presentation Awards: 8 - Best Poster Presentation Awards: 7 - Appreciation awards: 16 - Scholarship for attending "Organic Leadership Course (OLC) Program” by IFOAM Organics International, Germany - Received 'Certificate of Achievement' on successful completion of “Organic Leadership Course (OLC) Program, South Asia" organized by IFOAM Organics International, Germany w.e.f. October 2017- August 2018 - Institutional Research Fellowship by Indian Veterinary Research Institute
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Other achievements

20	Members	- Member, University Photographic & Media Cell w.e.f 26/06/2020 - Member, Faculty Media Cell Member, w.e.f 26/06/2020 - Faculty of Veterinary Sciences & Animal Husbandry for SKUAST of Jammu vide UO No. 23(Acad.) of 2021 - Member, University Employee's Superannuation function committee
	ICT based Extension content	Designed and developed web modules - Scientific Dairy Practices (WMSDP), - Scientific Broiler Farming (BroiLearn), - Organic Dairy Farming (WMODF) & - Scientific Goat Farming (WMSGF) Available on <i>Kisan Hiteshi</i> web portal of SKUAST-Jammu website & Information KIOSK of Veterinary Extension division of Faculty of Veterinary Sciences & Animal Husbandry, R.S. Pura
	Expert lectures	- Expert Lectures delivered as a resource person: 54 - Co-organizing Secretary: International Conference (1) - Core member committee: National conference (1) - Co-organizing secretary/coordinator/convener of Training Programmes /Kisan mela/ Extracurricular activities: 27
	Organizing Secretaries	
	Editors	- Editor of <i>Kasturi</i>- an annual literary magazine of Faculty of Veterinary Sciences and Animal Husbandry, SKUAST-Jammu - Nodal Officer at faculty level for the display of the exhibits in Kissan Melas - Team coordinator for University's Village Visit Programmes
	Reviewer	- No. of Training Programmes attended: 16 - MOOC completed: 2
	External examiner	- External examiner-paper setter/evaluator of several SAUs & SVUs - Reviewer (7 No. of Journals), Editorial Board member (3 Journals)
	Life Membership	➤ Life membership/Annual Membership of National and International Scientific and Professional Societies: ❖ Member of International Society of Organic Agriculture Research (ISO FAR), Thuenen, Germany ❖ Affiliate, International Federation of Organic Agriculture Movement (IFOAM), Germany ❖ Life member, Organic Agriculture Society of India (OASI), Palampur ❖ Life member of Indian Veterinary Extension Forum (IVEF), Pudducherry ❖ Member, Indian Dairy Association (IDA), New Delhi ❖ Life member of Society for Veterinary and Animal Husbandry Extension (SVAHE), GADVASU, Ludhiana ❖ Life member of Indian Society of Extension Education (ISEE), IARI, New Delhi
	Placement of M.V.Sc students (Guided as Major Advisor)	Successfully guided 13 M.V.Sc students and all are well placed Out of 13 passed out M.V.Sc students; one is Major in Indian Army, another one is Senior Veterinary Officer, Gol; five of them are Veterinary Assistant Surgeons in UT Govt of J&K, another two of them are in multi-national companies, one as Assistant Professor and other two is pursuing PhD.
	Appreciation	Received a "Token of Appreciation" from Commanding Officer of 118 Medium Regiment (Indian Army) for organizing two Nos. of 15 days training programmes for the unemployed wards of ex-service men on 'Dairy Farming & Value Addition of Milk' under 'Operation Sadbhavna' of Indian Army

Possess a never-ending passion for extension outreach and connecting to the people

Glimpses of Extension activities

Declaration

I hereby declare that all the statements made in the biodata are true to the best of my knowledge and belief.



(Pranav Kumar)

Place: R. S. Pura, Jammu, India

Date: 16 /09/2026