

RESEARCH PUBLICATIONS IN NATIONAL/ INTERNATIONAL JOURNALS 2017-18

1. A Shah, B.C Sharma, Brij Nandan, Rakesh Kumar, Akhil Verma and Monika. 2017. Residual effects of different soil organic amendments applied to aerobically grown rice (*Oryza sativa*) on succeeding Wheat (*Triticum aestivum*) under basmati rice- wheat cropping system Indian Journal of Agronomy. 62(2):77-81.
2. Abrol, D.P., Shankar, U. and Chatterjee, D. 2017. Foraging rhythm of bees in relation to flowering of sweet basil, *Ocimum basilicum* L. Current Science, 113(12):2359-2362.
3. Agrawal, Rajesh, Shukla, P.C. and Pande, Nishi (2018). Prevalence of cryptosporidiosis in buffalo calves of Jabalpur, India. Buffalo Bulletin, 37(1):25-35.
4. Ahamad, S. (2017). Anthracnose of Walnut In Pooch , Jammu region. *Ann.Pl. Protec. Sci.* 25 (1) : 215-230.
5. Ahamad, S, S.K.Singh, Jag Paul Sharma, Satish.K.Sharma and Deepak Kher.(2017). Prevalence of ginger diseases on farmers' field in Jammu region. *Ann.Pl. Protec. Sci.*
6. Ahamad,S. (2017).Management of Rhizome rot of ginger at farmers' field in Jammu region. *Ind.Phytopath.* 25 (1) : 215-230.
- 7.
8. Ahmad, H., Thanlass Norboo, Uma Shankar, Suheel Ahmad Ganai, Mahesh Kumar, Sonika Sharma and Amit Mondal. 2017. Seasonal Activity and Abundance of Natural Enemies and Performance of *Coccinella septempunctata* on Rose Aphid, *Macrosiphum rosae* (Linn.). *Int.J.Curr.Microbiol.App.Sci*, 6(10): 2923-2927
9. Ahmad, M. A., Gupta, L.M., Gupta, M. and Gupta, N. K. 2018. Influence of irrigation schedules on growth, yield and water use efficiency in Aloe (*Aloe barbadensis* Mill.). The Indian Journal of Agricultural Sciences 88(2): 245-48.
10. Ahmad, M., Sultana, M., Raina, R., Pankaj, N.K., Verma, P.K. and Prawez, S. (2017). Hypoglycemic, hypolipidemic, and wound healing potential of Quercetin in streptozotocin-induced diabetic rats. *Pharmacognosy Magazine* 13(51):S633-639.
11. Ahmed, J.A., Nashiruddullah, N., Dutta, D., Biswas, R.K. and Borah, P. 2017. Cumulus cell expansion and ultrastructural changes in in vitro matured bovine oocytes under heat stress. *Iranian Journal of Veterinary Research*, 18(3): 203-207.
12. Akhil Verma, B.C Sharma, Brij Nandan, Rakesh Kumar, Irfan Shah and Monika Banotra.2017. Weed dynamics , Nutrient Removal and crop productivity as influenced by weed management practices in Direct seeded Basmati rice preceded by Wheat in Irrigated Sub tropics of Jammu. *International Journal of Current Microbiology and Applied Sciences (IJCMAS)*. 6(7):2316-233
13. Amin, Rohullah, Kachroo, Jyoti, Bhat, Anil, Kachroo, Dileep, Singh, S. P. and Isher, A. K, 2017. Status of growth in area, production and productivity of major crops in Jammu province of J&K State. *Indian Journal of Agricultural Research* 51(4): 333-338.
14. Amit Handoo, Anil Bhat, Jyoti Kachroo, Sushil Sharma, S P Singh and Naveed Hamid(2018).Empirical Study on Meat Consumption Pattern and Consumer Preference in Jammu District of Jammu and Kashmir State. *Research Journal of Agricultural Sciences*. 9(Special): 36-42, March (2018).
15. Amrish Vaid, Pawan Kumar Sharma, Vishal Mahajan, Berjesh Ajrawat, Anamika Jamwal, Saurav Gupta and Vijay Kumar Sharma. 2017. Economic Impact of Frontline Demonstrations on Basmati Rice. *Agro Economist - An International Journal* 4(2): 79-83.
16. Amrish Vaid, Vishal Mahajan, Pawan Kumar Sharma, Saurav Gupta, Berjesh Ajrawat, Anamika Jamwal. 2017.Impact of varietal demonstrations of wheat HD-2967 in Kathua. *Maharashtra Jn. of Agril. Economics* 20(2): 115-116.

17. Anil Bhat, Jyoti Kachroo, Sudhakar Dwivedi, S.P. Singh, Pawan Kumar Sharma, S.E.H. Rizvi, Manish Kumar Sharma and M. Iqbal J. Bhat. 2017. Profitability and marketing of fruit and vegetable crops in Chenani block of Udhampur district. Maharashtra Jn. of Agril. Economics 20(2): 146-149.
18. Anil Bhushan and Vikas Sharma. (2017). Influence of Azosprillium and organic manure on growth and yield in Broccoli under Intermediate zone of Jammu and Kashmir, India. J. of Ecology Environment and Conservation 23 (S) : 16-19.
19. Anil Gupta, Bupesh Kumar, Satish Sudan, B. Gupta, Ashok Gupta, Ajay Gupta, R.K. Salgotra, Pawan Kumar Sharma, Anil Bhat, Gurdev Chand, M.K. Pandey and A.K. Razdan. 2017. Measuring the Knowledge Level of Farmers Regarding Improved Rice Cultivation Practices and Ranking of Associated Constraints. Economic Affairs, 62(4):1-6.
20. Anil Kumar Sharma, A.K. Sharma, P.K. Rai and Rajeev Bharat (2017) Effect of nitrogen levels, organic manure and planting dates on yield of hybrid napier (*Pennisetum purpureum* schum.), NPK- uptake and changes in soil properties. Journal of Soil and Water Conservation, 16 (2) , 191-196
21. Ansif, Ali, Goswami S., Kumar R. R., Singh, K., Singh, Jyoti P., Kumar A., Kumari, A., Sakhrey, A., Rai, Gyanendra K. and Praveen, S. 2018. Wheat Oxygen Evolving Enhancer Protein: Identification and Characterization of Mn-Binding Metalloprotein of Photosynthetic Pathway Involved in Regulating Photosystem II Integrity and Network of Antioxidant Enzymes under Heat Stress. International Journal of Current Microbiology and Applied Sciences. 7(2): 177-192.
22. Aryan, P. C., Singh, A. K., Singh, V. B., Singh, S. K. and Gupta, Anil. 2017. Status and management of bacterial leaf blight (*Xanthomonas oryzae* pv. *oryzae*) of rice through host resistance under Jammu sub-tropics. Journal of Mycopathological Research, 55: 261-264.
23. Badroo, G A, Taku A, Mir I A, Bhat M A and Gazal S. (2017). Virulence Characterization of *Dichelobacter nodosus* from Clinical Cases of Ovine Footrot. Israel Journal of Veterinary Medicine 72 (1): 17 –21.
24. Bafanda, R. A. and Khandi S. A. 2017. Meat Hygiene and Associated Health Hazards Awareness among Consumers of Jammu District of Jammu and Kashmir. Current Journal of Applied Science and Technology (Previously known as British Journal of Applied Science and Technology) 23(3): 1-11.
25. Bagal, Y.S., Sharma, L.K. and Manhas, J.S. 2017. Awareness and utilization of communication sources by the farmers in J & K. International Journal of Agricultural Sciences, 10(2):5005-5009.
26. Bala, S., Sharma, R.K., Khan, N., Rastogi, A. and Haq, Z. 2017. Performance of broiler chicken as affected by replacement of maize with pearl millet and broken rice mixture in the diet. Indian Journal of Animal Nutrition, 34(4): 437-446.
27. Bali, A., Bazaya, B. R. and Rawal, S. (2017). Weed control in soybean (*Glycine max* L.) through resource management strategies and its influence on yield and nutrient uptake. Journal of Applied and Natural Science 9(1): 539 - 543.
28. Banotra, M., Kumar, A., Sharma, B. C., Nandan, B., Verma, A., Kumar, R., Gupta, V. and Bhagat, S. 2017. Prospectus of use of nanotechnology in agriculture-A Review. International Journal of Current Microbiological and Applied Sciences, 6 (12): 1541-1551.
29. Banotra, M., Sharma, B. C., Brij Nandan, Arya, V. M., Kumar, R., Verma, A., Shah, I. A. and Gupta, V. 2017. Yield, Quality and Economics of different Sweet Corn (*Zea mays* L. Var. *Saccharata*) Cultivars at different Planting and Harvesting Dates under Shiwaliks Foothills of J&K. Indian Journal of Ecology, 44 (3): 575-578.
30. Banotra, M., Sharma, B. C., Brij Nandan, Verma, A., Shah, I. A., Kumar, R., Gupta, V. and Namgial, T. 2017. Growth, Phenology, Yield and Nutrient Uptake of Sweet Corn as Influenced by Cultivars and Planting Times under Irrigated Subtropics of Shiwaliks Foot Hills. International Journal of Current Microbiological and Applied Sciences, 6 (10): 2971-2985.
31. Bashir Mudasir, Malik M.A., Javaid Moien, Badroo G.A., Bhat Mohd. Altaf and Singh Maninder. 2017. Prevalence and characterization of *Bacillus cereus* in Meat and Meat products in and around

- Jammu Region of Jammu and Kashmir, India. *International Journal of Current Microbiology and Applied Sciences*, 6(12):1094-1106.
32. Begum, S.S., Mahato, G., Muthuchelvan, D., Chaudhary, D., Hussain, M., Nashiruddullah, N. and Rajak, K.K. 2017. Molecular identification of Peste-des-petits-ruminant virus from goats of Assam state of North-East India. *Journal of Entomology and Zoology Studies* 5(2): 1366-1368.
 33. Berjesh Ajrawat, Pawan Kumar Sharma, Amrish Vaid, Vijay Kumar Sharma, Vishal Mahajan, Saurav Gupta, Anamika Jamwal and R.K. Arora. 2017. Effectiveness of Kissanvani Programme of AIR Kathua in transfer of agricultural technologies. *Maharashtra Jn. of Agril. Economics* 20(2): 59-62.
 34. Berjesh Ajrawat, Pawan Kumar Sharma, Amrish Vaid, Vishal Mahajan, Vijay Kumar Sharma, Saurav Gupta and R.K. Arora. 2017. Gaps in adoption of production technologies in gobhi sarson (*Brassica napus* L.). *Maharashtra Jn. of Agril. Economics* 20(2): 66-69.
 35. Bhagat, S., Kumar, A., Puniya, R., Banotra, M., Sharma, A., Gupta, V. and Sharma, Ashu (2017). Impact of Climate Change on Crop Weed Association and their Eminent threat and Perspective in Crop Culture. *International Journal of Current Microbiology and Applied Sciences* 6(12): 3761-3770.
 36. Bhagat, M., Sood, S., Yadav, A., Katoch, R., Chakraborty, D., Godara, R., Sultana, M. and Sangha, N. 2017. Clinico-haematological studies on experimental *Cryptosporidium parvum* Jammu isolate infection in Swiss albino mice. *Indian Journal of Animal Research*, Online published ahead of print DOI: 10.18805/ijar.B-3318.
 37. Bhagat, M., Sood, S., Yadav, A., Katoch, R., Godara, R. 2017. Pathomorphological studies on *Cryptosporidium parvum* infection in immunocompromised and immunocompetent Swiss albino mice. *Indian Journal of Veterinary Pathology*, 41(4): 263- 267.
 38. Bhagat, M., Sood, S., Yadav, A., Verma, P., Manzoor, N., Chakraborty, D., Katoch, R. and Sangha, N. 2017. Alterations in oxidative stress parameters and its associated correlation with clinical disease on experimental *Cryptosporidium parvum* infection in Swiss albino mice. *Journal of Parasitic Diseases*, 41(3): 707–712.
 39. Bharat Bhushan Pangotra, Neeraj Gupta and Arti Sharma, 2018. Development of freshly prepared Phalsa peel blended beverage. *Indian Journal of Microbiology Applied Science* 7(2): 2870-2876
 40. Bharat Rajeev, Arya Vivak M., Sharma Vikas, Kour S., Gupta, Meenakshi Sharma V., Rai S.K. and Gupta R 2017. Influence of agrochemicals on moisture stress mitigation in Indian mustard under rainfed conditions of Jammu. *Journal of Soil and Water Conservation*. 16 (3): 274 -278
 41. Bharti, Kamal, Bhat, Anil, Kachroo, Jyoti, Sharma, Manish, Raina, N. S., Dwivedi, Sudhakar and Singh, S. P, 2017. Resource Use Efficiency of Major Field Crops in Reasi District of Jammu Region of Jammu and Kashmir State. *Agro-Economist: An International Journal* 4(1): 15-20.
 42. Bharti, R., Chaudhary, N., Sandhu, R., Gupta, S.K. and Sharma, M. 2018. Molecular characterization of candidate genes for glucosinolate and erucic acid using SSR markers. *International Journal of Advance Research, Ideas and Innovations in Technology* 4(1): 400-409
 43. Bhat A M, Soodan J S, Singh R, Dhobi Z A, Hussain T, Dar M Y and Mir M (2017). Incidence of bovine clinical mastitis in Jammu region and antibiogram of isolated pathogens. *Veterinary World*, 10(8): 987-989.
 44. Bhat, Anil, Kachroo, Jyoti, Dwivedi, Sudhakar and Singh, S. P, 2018. Emerging Trends in Agribusiness: A Review. Lead Chapter published in *Compendium of National Conference on Innovative Technological Interventions for Doubling Farmers Income (NACITI – 2018)* which was held on February, 08-10, 2018 at FoA, SKUAST-Jammu, Chatha.
 45. Bhau, B., Shankar, U. and Abrol, D.P. 2017. Studies on host range and biology of mango mealy bug (*Drosicha mangiferae*) in Jammu Region. *Int. J. Curr. Microbiol. App. Sci.*, 6(9): 230-240
 46. Borkataki, S., Goswami P., Katoch R., Kumar S., Raghuvanshi, P. 2017. Detection of *Artyfechinostomum sufrartyfex* - a zoonotic parasite from the Small Indian Mongoose *Herpestes auropunctatus* (Mammalia: Carnivora: Herpestidae) from Jammu and Kashmir, India, *Journal of Threatened Taxa*, 9(11):10980-10982.

47. Chaand, D., Sharma, D., Ganai, S. A., Norboo, T. and Sharma, S. 2017. Effect of colony strength on colony build up and foraging activity of *Apis mellifera* L. *Journal of Entomology and Zoology Studies*. 5(6):1369-1373
48. Chakraborty, D., Kumar, D., Singh, S., Brahma, B., Kumar, N and Taggar, R. K. 2017. Some Morphological Characteristics of Ancient Bakerwali Dog. *Indian Journal of Tropical Biodiversity*, 25(1): 103-106.
49. Chand, Lekh and Puniya, R 2017. Bio-efficacy of alone and mixture of herbicides against complex weed flora in wheat (*Triticum aestivum*) under sub-tropical conditions. *Indian Journal of Agricultural Sciences* 87 (9): 1149.-1154
50. Chand, G., Guleria, S., Sinha, B. K. and Singh, B. 2018. Physiological disorders and nutrient deficiency symptoms in Banana. *Technical Bulletin: 04/2018*. Division of Plant Physiology, FBSc. SKUAST-Jammu.
51. Chand, G., Guleria, S., Sinha, B. K., Singh, B. and Sharma, M. 2018. Physiological disorders and nutrient deficiency symptoms in Spota. *Technical Bulletin: 06/2018*. Division of Plant Physiology, FBSc. SKUAST-Jammu.
52. Chand, G., Singh, B., Guleria, S. and Sinha, B. K. 2018. Physiological disorders and nutrient deficiency symptoms in Guava. *Technical Bulletin: 05/2018*. Division of Plant Physiology, FBSc. SKUAST-Jammu.
53. Chand, G., Singh, B., Guleria, S. and Sinha, B. K. 2018. Physiological disorders and nutrient deficiency symptoms in Grapes. *Technical Bulletin: 07/2018*. Division of Plant Physiology, FBSc. SKUAST-Jammu.
54. Chand, Lekh and Puniya, R. (2017). Bio-efficacy of alone and mixture of herbicides against complex weed flora in wheat (*Triticum aestivum*) under sub-tropical conditions. *Indian Journal of Agricultural Sciences* 87(9): 1149–54.
55. Charak, A.S., Jha, G.N., Sharma, A. and Kour, M. (2017). System productivity, production efficiency and economic feasibility of rice (*Oryza sativa*) and maize (*Zea mays*) based crop sequences under temperate conditions of western Himalayas. *Environment & Ecology*. 35(4), 2669-2673.
56. Charak, A.S., Sharma, A., Jha, G.N., Khajuria, S., Paul, N., Sharma, M. and Kour, R. (2017). Demonstration: An effective technology for increasing the productivity of oats under temperate are of J&K. *Technofame*.6(1), 66-68.
57. Charu Sharma, Mahender Singh, , Rohit Sharma and Veena Sharma, 2017. Analysis of rainfall characteristics for crop planning under low altitude sub tropical agro ecological zone of Jammu region. *Journal of Agrometeorology* 19 (Sp. Issue) : 60-66.
58. Chhibber, Shruti , Kafil Hussain, , Shah, Mazar , Mir, Muheet , Singh, Rajiv. (2017). Clinico-Haematological and Biochemical Studies in Dogs with Renal Failure. *International Journal of Livestock Research* 7(3), 16-21.
59. Chopra S., Kumar M., Kumar S. and Samnotra R. K. 2018 Integrated Plant Nutrient Management in Vegetables. *Indian Res. J. Genet & Biot* 10 (1): 63-68.
60. Choskit, D., Singh, R., Bhagat,S., Fatima, K., Sharma, M. and Gupta, S. 2017. Evaluation of different germplasm and insecticides against Tomato Leaf Curl Virus Affecting Tomato. *International Journal of Current Microbiology and Applied Sciences* 6(4): 1080-108
61. Choudhary A, Hamid, Naveed and Kachroo, Jyoti, 2017. Assessment of Advertisement for a Brand with Reference to Amul. *Indian Journal of Integrated Research and Analysis (IJIRA)* 1(4): 2456-2181 (UGC approved).
62. Choudhary N, Bawa V, Paliwal R, Singh B, Bahat M.A, Mir JI, et Al. 2018. Gene/Qtl discovery fo Anthracnose in common bean (*Phaseolus Vulgaris* L.) from Northern western Himalayas. *PLoS ONE* 13(2) : e0191700. <https://doi.org/10.1371/journal.pone.0191700>
63. Choudhary, P., Rai, GyanendraKumar ,Bagati, S., Jamwal, D., Bhadwal,D., Shanti, V. R. and Rai, P. K. 2018. Evaluation of Genetic Variability in Tomato (*Solanum lycopersicum* L. Mill)

- Genotypes using Microsatellite Markers. *International Journal of Current Microbiology and Applied Sciences*. 7(1): 2117-2124
64. Daing, Mohd. Iqbal, Pathak, A.K., Bhat, Mohd. Altaf, and Zargar, Mohd. Aqib 2017. Antioxidant and antibacterial potential of condensed tannins containing tree leaves extract. *Veterinary Practitioner*, 18 (1): 118-121.
 65. Daing, Mohd. Iqbal, Pathak, A.K., Bhat, Mohd. Altaf, Sharma, R. K. and Zargar, Mohd. Aqib 2017. In vitro antioxidant and antibacterial efficacy of condensed tannins containing tree leaves extract of Jammu Province. *Journal of Animal Research*, 7 (1): 165-174.
 66. Danish, F. and Rizvi, S.E.H. (2017). Comparison of Bivariate versus Univariate Stratifying Variables. *Advances in Mathematics and Computer Science* (ISBN 978-93-86435-23-1), IMRF International Publication.
 67. Dar, A.A., Mahajan, R., Lay, P and Sharma, S. 2017. Genetic diversity and population structure of *Cucumis sativus* L. by using SSR markers. *3 Biotech* 7(5): 307 10.1007/s13205-017-0944-x.
 68. Dar, M.A., Mir, H.A., Raina, R. and Verma, P.K. (2017). Effects of oxidative balance and acetylcholinesterase in liver and brain of rats dermally exposed to bifenthrin. *Toxicology international* 24(3):244-248.
 69. Dar, Y., Sarma, K., Suri, S., Devi, J. 2017. Prenatal development of the lingual epithelium in goat (*Capra hircus*), *International Journal of Applied and natural Sciences*. 9 (1):421-426.
 70. Datta Ashim, Mandal Bismalwapati, Basak Nirmalendu, Badole Shrikant, Chaitany Krishna, Majumder S.M., Thakur N. P., Kumar Parshotam and Kachroo Dileep (2017). Soil carbon pools under long-term rice-wheat cropping system in Inceptisols of Indian Himalayas. *Archives of Agronomy and Soil Science*. <https://doi.org/10.1080/03650340.2017.1419196>
 71. Deepika, Mahajan R., Lay P., Sharma P., Salgotra R.K. and Sharma Susheel. 2017 Assessment of genetic variability, heritability and genetic advance among *Pisum* accessions. *Vegetos* 30(Special):482-488. DOI :10.5958/2229-4473.2017.00125.2
 72. Devi, J., Goswami., Sarma, K. 2017. Effect of zinc supplementation on sperm reserve of the cauda epididymis in Assam local goats (*Capra hircus*), *Vet. Practitioner*. 18(2):180-182.
 73. Dilnawaz, H.M., Kumar, S. and Bhat, Z.F. (2017). Effect of green coffee bean extract on the lipid oxidative stability and storage quality of restructured mutton blocks containing *Colocasia esculenta*, a novel binding agent. *Agricultural Research*, 6(4): 443-454.
 74. Dilnawaz, H.M., Kumar, S. and Bhat, Z.F. (2017). Ipomea batatas as a novel binding agent for hot-set restructured binding systems and green coffee bean for improved lipid oxidative stability and storage quality. *Nutrition and Food Science*, 47(5): 659-672.
 75. Disket Dolkar, Parshant Bakshi, V.K. Wali, M.K. Khushu, Mahender Singh, and Rafiq Ahmad Shah 2017. Effect of climate variability on the yield and the quality of kinnow mandarin. *Journal of Agrometeorology* 19 (Sp. Issue) : 67-74.
 76. Dorjay, N., Dharam Pal Abrol and Uma Shankar. 2017. Insect visitors on cucumber and bitter gourd flowers and impact on quantity of crop production by different pollination treatment. *Journal of Apiculture*, 32(2): 77-88.
 77. Dutta T, Kaur H, Singh H, Kumari S, Pareek A, Singh P (2017) Molecular cloning and characterization of genes encoding FK506-binding proteins (FKBPs) in wheat (*Triticum aestivum* L.) *Journal of Plant Biochemistry and Biotechnology* 26(4): 467-477
 78. Dutta, S., Godara, R., Katoch, R., Yadav, Anish, Katoch, M. and Singh, N.K. (2017). Detection of amitraz and malathion resistance in field populations of *Rhipicephalus* (*Boophilus*) *microplus* (Acari: Ixodidae) in Jammu region of India. *Exp. App. Acarol.*, 71: 291-301.
 79. Dwivedi D K, Bhardwaj R and Kumar A (2017). Surgical management of omphalocele with abomasal and hernia sac fistula in two calves. *Intas Polivet*, 18 (II): 379-380.
 80. Dwivedi D K, Gupta A K, Kushwaha R B and Bhardwaj H R (2017). Rostral Mandibulectomy for management of bone invasive oral neoplasia- a report of three cattle. *Intas Polivet*, 18 (II): 279-280.
 81. Dwivedi, D.K., A.K.Gupta and R.B.Kushwaha. 2017. Rostral mandibulectomy for management of bone invasive oral neoplasia-A report of three cattle. *Intas Polivet*. 18(2): 279-280.

82. Dwivedi, Sudhakar and Sharma, P. K. 2017. Economic and Production Constraints for Niche crops in Jammu & Kashmir. *Agro-Economist: An International Journal* 4(2): 61-65.
83. Dwivedi, Sudhakar, Lata, Kiran, Sharma, P. K and Singh, Harminder, 2017. Doubling Farmers Income by 2022: A Critical Appraisal. *Agro-Economist: An International Journal* 4(1): 29-34.
84. Faizan, J., Taku , A., Bhat, M, A., Badroo, G., Mudasir, M and Ahmad, T, S. 2018. Molecular typing of *Staphylococcus aureus* based on coagulase gene. *Veterinary World* 11(4): 423-430.
85. Farooq, S., Kachroo, Jyoti and Hamid, Naveed, 2017. Critical Analysis on sale and production: A case of milk and milk products. *International Research Journal of Agricultural Economics and Statistics* 8(2): 387-392.
86. G.K.Rai, S. Bagati, P.K.Rai , S. K.Rai and M. Singh (2018) Fatty Acid Profiling in Rapeseed-Mustard (*Brassica* species), *International Journal of Current Microbiology and Applied Sciences*, 7(5): 148-157
87. Ganai, I.A., Rastogi, A., Sharma, R.K., Haq, Z. and Kumar, H. 2017. Effect of feeding wheat and paddy straw on blood parameters and serum enzymes in goats. *Journal of Animal Health and Production*. 5(3): 97-102.
88. Ganai, I.A., Rastogi, A., Sharma, R.K., Wali, A. and Saharan, V. 2017. Chemical composition and in vitro dry matter degradability of combination of wheat and paddy straw for small ruminant feeding. *Journal of Entomology and Zoology Studies*, 5(4): 1755-1760.
89. Ganai, S. A., Ahmad, H., Sharma, D., Sharma, S. Khaliq, N. and Norboo, T. 2017. Diversity of arthropod fauna associated with marigold (*Tagetes erecta* L.) in Jammu *Journal of Entomology and Zoology Studies*. 5(5):1940-1943
90. Ganai, S. A., Ahmad, H., Sharma, D., Sharma, S., Khaliq, N., Norboo, T. and Divya Chaand. 2017 Management of Red Spider Mite (*Tetranychus urticae* Koch.) Infesting Marigold (*Tagetes erecta* L.) in Jammu Region. *Int.J.Curr.Microbiol.App.Sci* 6(8): 168-174.
91. Ganai, S. A., Hafeez Ahmad, Devinder Sharma, Sonika Sharma, Nadeya Khaliq and Thanlass Norboo. 2017. Diversity of arthropod fauna associated with marigold (*Tagetes erecta* L.) in Jammu. *Journal of Entomology and Zoology Studies*, 5(5): 1940-1943
92. Ganai, S. A., Hafeez Ahmad, Devinder Sharma, Nadeya Khaliq, Sonika Sharma, Ramandeep Kaur and Thanlass Norboo. 2017. Effect of Abiotic Factors on the Populations of Pod Borer, *Helicoverpa armigera* (Hubner) on Marigold, *Tagetes erecta* in Jammu, India *Int.J.Curr.Microbiol.App.Sci*, 6(9): 181-185
93. Ganai, S. A., Hafeez Ahmad, Sonika Sharma, Nadeya Khaliq, Thanlass Norboo, Divya Chaand and Shallu Raina. 2017 Management of Pod Borer (*Helicoverpa armigera* Hubner) Infesting Marigold (*Tagetes erecta*). *Int.J.Curr.Microbiol.App.Sci*, 6(9): 142-148
94. Gani, M., Gupta, R. K., Zargar, S. M., Kour, G., Monobrullah, M., Kandasamy, T. and Mohanasundaram, A. 2017. Molecular identification and phylogenetic analyses of multiple nucleopolyhedrovirus isolated from *Lymantria obfuscata* (Lepidoptera: Lymantriidae) in India. *Applied Entomology and Zoology*, 1-11.
95. Ganie, L.A. Kumar, A. Dua, S. and Raja, F. (2017). Efficacy of different variants of corn flour (*Zea mays*) and peanut flour (*Arachis hypogea*) on quality characteristics of designer low sodium fish (*Pangasius pangasius*) balls. *Journal of Applied and Natural Science* 9 (1): 375-381
96. Gera M., Sharma Neelesh,, Ghosh M., Huynh D.L., Lee S.J., Min T., Kwon T. and Jeong D.K. (2017). Nanoformulations of curcumin: an emerging paradigm for improved remedial application. *Oncotarget*, 8(39): 66680-66698.
97. Ghosh M., Sharma Neelesh, Gera M., Kim N.E., Huynh D., Zhang J.J., Min T., Sodhi S.S., Kim M.B., Rekha V.P.B., Ko S. and Jeong D.K. (2018). Insights into phytase-containing transgenic *Lemna minor* (L.) as a novel feed additive. *Transgenic Research*, <https://doi.org/10.1007/s11248-018-0068-z>
98. Ghosh M., Sharma Neelesh, Gera M., Pulicherla K.K. and Jeong D.K. (2018). Transformation of animal genomics by next-generation sequencing technologies: a decade of challenges and their

- impact on genomic architecture. *Critical Reviews in Biotechnology*, DOI: 10.1080/07388551.2018.1451819
99. Gorela, A., Kumar, N., Chakaraborty, D., Anamika, Singh, S. and Taggar, R. K. 2017. Wool type of Poonch Sheep. *Indian J. Vet. Res.*, 26(1): 23-26.
 100. Gorka S., Samnotra, R.K., Kumar S., Chopra S. and Bhat, M. I. J. 2018. Estimates of variability studies for various leaf yield attributing traits in kale (*Brassica oleracea* L. var. *acephala*) Genotypes, *International Journal of Current Microbiology and Applied Sciences*, 7(2): 2145-2154.
 101. Gorka S., Samnotra, R.K., Kumar S., Chopra S. and Gupta M. 2018. Analysis of Genetic Diversity in Kale (*Brassica oleracea* L. var. *acephala*) Genotypes of Jammu and Kashmir Region based on Morphological Descriptors, *International Journal of Current Microbiology and Applied Sciences*, 7(2): 2176-2181.
 102. Gupta A, Kumar, B, Sudan, S, Gupta B.B, Gupta, A, Gupta, A, Salgotra, R.K, Sharma, P.K, Chand, G, Pandey, M.K & Razdan, A.K. 2017. Measuring the knowledge level of farmers regarding the improved rice cultivation practices and ranking of associated constraints. *Economic Affairs*, Vol. 62, No. 4, pp. 1-6, December 2017
 103. Gupta Anil, Kumar Bupesh, Sudan, Satish, Gupta, B., Gupta, Ashok, Gupta Ajay, Salgotra, R. K., Sharma, P. K., Bhat, Anil, Chand, Gurdev, Pandey, M. K and. Razdan, A. K, 2018. Measuring the Knowledge Level of Farmers Regarding Improved Rice Cultivation Practices and Ranking of Associated Constraints. *Economic Affairs* 62(4):1-6.
 104. Gupta Mennakshi, Sharma Charu, Sharma B C and Singh Mahender 2017. Influence of weather conditions on phenology, thermal indices and yield of wheat cultivars under sub-tropical conditions of Jammu. *Journal of Agromereology*. 19 (Spl. Issue): 92-97
 105. Gupta N, Mahajan R, Salgotra RK, Singh R and Zargar SM (2017) Linkage disequilibrium based association mapping of common bean: A collection of Jammu and Kashmir, India. *3 Biotech* 7(5): 295 (NAAS: 7.36)
 106. Gupta P, Manzoor A B and Kushwaha R B (2017). Surgical management of caecal Dilatation-Torsion in a cow. *Intas Polivet*, 18 (II): 357-358
 107. Gupta R K, Bhushan A, Verma V S and Raina V. 2017. Biological hardening of Micropropagated tomato plantlets: A case study with *Piriformosporaindica*. In: *Mycorrhiza – Nutrient uptake. Biocontrol and Ecorestoration*. Springer Publication. Pp 301-311
 108. Gupta R K. 2017. Tissue Culture Mediated Seed Tuber Multiplication as Influenced by Potassium: A New Method for Quality Seed in Potato. *Agriculture Research & Technology Open Access Journal* 9(4):1-2
 109. Gupta R K. 2017. Boosting Agricultural productivity and profitability. In: *NABARD Seminar Proceedings Doubling Farmer's Income: Agricultural Sustainability and Policies*, (Eds FK Sudan, JSingh, PC Anathal, A Sharma, S Sharma, V Koundal and S Seghal), Black Prints Inc, India pp 373-76.
 110. Gupta R.K., Gupta S.K. and Sehgal, S. 2017. Influence of tree species on soil properties under different agri-silviculture systems. *Indian Journal of Agroforestry* 19(2):46-50
 111. Gupta Sandeep, Singh V.B., Singh A.K., Rai S.K., Singh S.K. and Dwivedi M.C. 2017 Prevalence, Incidence and Management of Alternaria Blight of Rapeseed and Mustard (*Brassica juncea* L.) through Resistance and Integrated Approach *Int. J.Curr.Microbiol.App.Sci* , 6(9): 2730-27.
 112. Gupta, A., Kumar, B., Sudan, S., Gupta, B.B., A, Gupta., Salgotra, R.K., Sharma, P.K., Chand, G., Pandey, M.K. and Razdan, A.K. 2017. Measuring the knowledge level of farmers regarding the improved rice cultivation practices and ranking of associated constraints. *Economic affairs*, 62 (4): 1-6
 113. Gupta, M., Kour, S., Gupta, V., Bharat, R. and Sharma, C. 2017. Effect of different doses of fertilizers on yield and NPK uptake of linseed (*Linum usitatissimum* L.). *Bangladesh Journal of Botany*, 46 (2): 575-581.

114. Gupta, M., Sharma, C., Sharma, R., Gupta, V. and Khushu, M. K. 2017. Effect of sowing time on productivity and thermal utilization of mustard (*Brassica juncea*) under sub-tropical irrigated conditions of Jammu. *Journal of Agrometeorology*, 19 (2): 137-141.
115. Gupta, Meenakshi., Kour, Sarabdeep., Gupta, Vikas., Bharat., Rajeev and Sharma, Charu. 2017. Effect of different doses of fertilizers on yield and NPK uptake of Linseed (*Linum usitatissimum*). *Bangladesh Journal of Botany* 46(2): 575-581.
116. Gupta, N.K., Manhas, J.S. and Rani, B.R. 2017. Evaluation of training programme on integrated watershed management programme in Jammu and Kashmir. *Journal of Soil and Water Conservation*, 16(3): 293-296.
117. Gupta, Neeraj, Trilokia, Meenakshi, Singh V.B. and Kumar, Vijay 2017. Storage studies of Jam Prepared from different aonla cultivars under lower foot hills of shivaliks. *Indian Journal of Ecology*, 44 (4): 888-892.
118. Gupta, P., A.B.Manzoor and R.B. Khushwaha. 2017. Surgical management of caecal dilatation-torsion in a cow. *Intas Polivet*. 18(2): 357-358.
119. Gupta, S., Singh, V. B., Singh, A. K., Rai, S. K., Singh, S. K. and Dwivedi, M. C. 2017. Prevalence, incidence and management of *Alternaria* blight of rape-seed and mustard (*Brassica juncea* L) through resistance and integrated approach. *International Journal of Current Microbiology and Applied Sciences*, 6: 2730-2741.
120. Gupta, Sandeep, Singh, V. B., Singh, A.K., Rai, S.K, Singh, S.K and Dwivedi, M.C. 2017. Prevalence, incidence and management of *Alternaria* blight of rape-seed and mustard (*Brassica juncea* L) through resistance and integrated approach. *International Journal of Current Microbiology and Applied sciences*, 6 (09): 2030-2041.
121. Gupta, V., Kumar, A., Gupta, M., Sharma, B. C., Singh, M., Banotra, M., Bhagat, S. and Sharma, A. 2018. Agrostological interventions and their utilization prospects for soil and water conservation in hill agriculture-A Review. *International Journal of Current Microbiological and Applied Sciences*, 7 (1): 3514-3522.
122. Guroo, M. A., Pervez, A., Srivastava, K., and Gupta, R. K. 2017. Effect of nutritious and toxic prey on food preference of a predaceous ladybird, *Coccinella septempunctata* (Coleoptera: Coccinellidae). *European Journal of Entomology*, 114, 400-406.
123. Hamid, Naveed, Dwivedi, Sudhakar, Isher, A. K., Kumar, Rohit and Hassan Tanveera, 2017. Analytical Study on Effect of Stress on the Employee Performance: A Case of Agri-Business Retail Outlets in Jammu. *Agro-Economist: An International Journal* 4(2): 109-112.
124. Hamid, Naveed, Saini, K & Kachroo, Jyoti, 2017. Customer Perception and Satisfaction towards Basmati Rice in Jammu Region of J&K State. *Bhatter College Journal of Multidisciplinary Studies* 7 (1): 21-32, Hamid, Naveed, Sharma, Arti, Kachroo, Jyoti, Hassan, T. & Kumar, R., 2017. Analysis of resource structure: A case study of Sarveshwar foods limited in Jammu. *Imperial Journal of Interdisciplinary Research* 3(3).
125. Hamid, S., Bhat, M.A., Mir, I, A., Taku, A., Badroo, G, A., Nazki, S., and Malik A. 2017. Phenotypic and genotypic characterization of methicillin-resistant *Staphylococcus aureus* from bovine mastitis. *Veterinary World* 10(3): 363-367.
126. Handoo, A., Bhat, Anil, Kachroo, Jyoti, Sharma, S., Singh, S. P and Hamid, Naveed, (2018). Empirical Study on Meat Consumption Pattern and Consumer Preference in Jammu District of Jammu and Kashmir State. *Research Journal of Agricultural Sciences* 9(1): 36-42.
127. Haq, Z., Rastogi, A., Sharma, R.K. and Khan, N. 2017. Advances in role of organic acids in poultry nutrition: A review. *Journal of Applied and Natural Science*, 9(4): 2152-2157.
128. Hilal Sobiya, Rashid Mohd and Javaid Moien. 2017. Determination of Prevalence and In-vitro Pathogenicity of *Listeria monocytogenes* in Sheep and Goats Reared by Nomads of Jammu Region of JandK. *Journal of Animal Research*, 7(5), 849-856.
129. Huynh D.L., Kwon T., Zhang J.J., Sharma Neelesh, Gera M., Kim N.E., Cho S.K., Lee D.S., Park Y.H. and Jeong D.K. (2017). Wogonin suppresses stem cell-like traits of CD133 positive

- osteosarcoma cell via inhibiting matrix metalloproteinase-9 expression. *BMC Complementary and Alternative Medicine*, 17: 304. [IF: 2.288] [NAAS: 8.29]
130. Huynh D.L., Sharma Neelesh, Singh A.K., Sodhi S.S., Zhang J.J., Mongre R.K., Ghosh M., Kim N.E., Park Y.H., and Jeong D.K. (2017). Anti-tumor activity of wogonin, an extract from *Scutellaria baicalensis*, through regulating different signaling pathways. *Chinese Journal of Natural Medicines*, 15(1): 0015-0040.
 131. Isher, A. K., Dwivedi, Sudhakar and Sharma, Rajiv, 2017. Study of Retailer's Satisfaction towards Distribution Channel of Amul Products in Jammu, *Agro-Economist: An International Journal* 4(1): 41-44.
 132. Ishfaq, A., Sharma, R.K., Rastogi, A., Malla, B.A. and Rather, S.A. 2017. Effect of lime treated olive cake on nutrient utilization and performance of male goats. *Indian Journal of Animal Research*, 51(2): 286-290.
 133. Jai Kumar, Anil Kumar, B C Sharma, Rajeev Bharat, A P Singh, Neetu Sharma, Lobzang Stanzen and Reena. Effect of weed management practices and establishment techniques on yield and economics of rice in north-west Himalayan sub-tropical foothills. *International journal of current microbiology and applied sciences* (2017) 6(12): 1714-1722
 134. Jain M, Bath R, Kumari S and Mustafiz A (2017) Glyoxalase System: A Glutathione-Dependent Pathway for Abiotic Stress Tolerance in Plants: In *Glutathione in Plant Growth, Development, and Stress Tolerance*, 978-3-319-66681-5, 427525_1_En, (11)
 135. Jamwal, S. 2018. Fruit drop, an emerging disease of mandarin orange (First Report). *International Association for the Plant Protection Sciences Newsletter No. 7*, July, 2018 pp: 3-4.
 136. Jamwal, S., Jamwal, A., Jha, A. C., Kumar, A. and Reena. 2018. First report on Bakanae (Foolish seedling), an emerging disease of rice (First Report). *International Association for the Plant Protection Sciences Newsletter No. 2*, February, 2018 pp: 2-3.
 137. Jamwal, S., Jamwal, A., Jha, A. C., Reena, Dutta, U., Kumar, A., Sharma, N., Kumar, S. and Kumar, A. 2017. Evaluation of fungicides, botanicals and *Trichoderma* spp. against wilt of chickpea caused by *Fusarium oxysporum* f. sp. *ciceri*. *International Journal of Current Microbiological and Applied Sciences*, 6 (12): 1389-1393.
 138. Jamwal, V. V. S., Hafeez Ahmad, Ashutosh Sharma, Devinder Sharma. 2017. Seasonal abundance of *Henosepilachna vigintioctopunctata* (Fab.) on *Solanum melongena* L. and natural occurrence of its two hymenopteran parasitoids. *Brazilian Archives of Biology and Technology*, Vol.60: e17160455.
 139. Javaid Moien and Rashid Mohd. 2018. Phenotypic Characterization of *Listeria ivanovii* in Sheep in Jammu Region of Jammu and Kashmir, India. *International Journal of Current Microbiology and Applied Sciences*, 7(3): 3762-3768.
 140. Jeelani, M.I. 2018. Application of Data reduction techniques in agriculture. "Statistical techniques and field data analysis through SPSS" Published by Directorate of Extension, SKUAST Jammu, pp. 45-59.
 141. Jeelani, M.I. 2018. Application of R Software for Analysis of Field Data. "Statistical techniques and field data analysis through SPSS" Published by Directorate of Extension, SKUAST Jammu, pp. 60-68.
 142. Jha, A. C., Kumar, A., Jamwal, S., Reena and Jamwal, A. 2018. Integrated management of tomato wilt caused by *Fusarium oxysporum* f. *lycopersici*. *Journal of Entomology and Zoology Studies*, 6 (2): 1338-1341.
 143. Kachroo Dileep, Thakur NP, Kour Manpreet, Sharma Rohit, Kumar Parshotam, Gupta AK & Khajuria Vijay (2017). Conservation Tillage and planting practices in Rice (*Oryza sativa*)-Wheat (*Triticum aestivum*) cropping system for sustainable agriculture, *Indian Journal of Agronomy*, 62 (1):16-24
 144. Kachroo, Jyoti and Bhat, Anil, 2017. Strategies for Doubling Farmers' Income. Lead Paper published in *Compendium of National Conference on Impact of Agricultural Technologies in*

Enhancing Growth and Income which was held on October, 23-24, 2017 at FoA, SKUAST-Jammu, Chatha.

145. Kachroo, Jyoti, Amin, Rohullah, Bhat, Anil, Singh. S. P and Naveed, Hamid, 2017. An appraisal of infrastructural development in Jammu province of Jammu and Kashmir State. *Indian Journal of Agricultural Research* 51(5): 468-472.
146. Kaleem, I.K., Bhat, Z.F., Kumar, S. and Desai, A. (2017). Terminalia arjuna: A novel natural preservative for improved lipid oxidative stability and storage quality of muscle foods. *Food Science and Human Wellness*, 6: 167-175.
147. Kamal, S.B., Kumar, A. and Tanwar, T. (2017). Physico-chemical, proximate, sensory and storage quality attributes analysis of Papaver somniferum (poppy) fortified chevon nuggets. *Journal of Applied and Natural Science*, 9 (1): 114-120.
148. Kaur, M. Kumar, S., Kumar, A. and Bhat, Z. F. (2017). Optimization of animal fat as a vegetable fat replacer in the preparation of heat resistant milk chocolate *International Journal of Livestock Research*, 7(8), 133-140.
149. Kaur, T., Kachroo, Jyoti & Hamid, Naveed, 2017. Study on consumer behaviour towards frozen foods in Jammu city of J&K state. *International Journal of Research in Commerce & Management* 7(7): ISSN 2231-5756. (UGC approved).
150. Khajuria, S., Dwivedi, M. C., Kumar, Sandeep, Kachroo, D. and Puniya, R 2017. Yield Performance and Nutrient Uptake of Indian Mustard (*Brassica juncea* L.) Varieties under Different Dates of Sowing and Planting Geometry. *International Journal of Plant & Soil Science* 15(1): 1 -6
151. Khajuria, P., Raghuwanshi, P., Rastogi, A., Koul, A.L., Zargar, R., Kour, S. 2018. Hepato-protective effect of seabuckthorn leaf extract in streptozotocin induced diabetes mellitus in Wistar rats, *Indian Journal of Animal Research*. DOI 10.18805/ijar.B-3439
152. Khan, A., Masud, S., Konwar, D. Jeelani, R., and Brahma, B. (2017). Biotechnology for transformation of livestock production in India. In: Proc. International Conference of SBBS (as Lead Paper), 12-13, Oct, 2017 held at SKUAST -J, pp. 193-94.
153. Khan, A.M., Raina, R., Dubey, N., and Verma, P.K. (2018). Effect of deltamethrin and fluoride co-exposure on the brain antioxidant status and acetylcholinesterase activity in wistar rats. *Drug and Chemical Toxicology*, 41(2):123-127.
154. Khan, K. M., Kumar, N. Chakraborty, D., Faried, I., Sharma, R., Bhatt, S. N., Kumar, D. and Taggar, R. K. 2017 Phenotypic Characterization of Purky Sheep Population of Kargil District. *Indian Journal of Animal Research*, 51(4) :625-629.
155. Khan, Muzaffer, Pathak, A.K. and Singh, S. 2017. Formulation and preparation of densified complete feed blocks with and without condensed tannins: Impact on performance of *Haemonchus contortus* infected goats. *Journal of Animal Research*, 7(3): 431-439.
156. Khan, N., Kewalramani, N., Mahajan, V., Haq, Z. and Kumar, B. 2018. Effect of supplementation of niacin on physiological and blood biochemical parameters in crossbred cows during heat stress. *Indian Journal of Animal Sciences*, 88(1):68-75
157. Khurshid I, Bandral, J.D., Sood M. and Ahmad, N. 2017 Influence of knol knol on quantity characteristics of chicken meat balls. *Journal of Applied and Natural Science* 9(4):2221-2227
158. Kim S.W., Sharma Neelesh, Hwang I.S., Choe C., Kim D., Seong H.H. and Jeong D.K. (2017). Application of saponin on differential staining examination in animal blastocysts. *Indian Journal of Animal Sciences*, 87 (9): 1081-1086.
159. Kour Sarabdeep, Gupta, Meenakshi, Bharat, Rajeev and Sharma, Vikas 2017. Effect of zinc and boron on yield, nutrient uptake and economics of mustard (*Brassica Juncea* L.) in mustard-maize cropping sequence *Bangladesh Journal of Botany* 46 (2): Pp. 817-821
160. Kour G., Suri S. and Sarma K (2017). Histological and micrometrical studies on the adrenal gland of adult Bakerwali goat. *Indian Journal of Veterinary Anatomy*. 29(1): 28-30.
161. Kour Ravneet, Samnotra RK, Singh R., Raxdan, AK and Kumar M. (2018). Effect of age of seedlings, spacing and plant growth regulators on the seed yield of radish (*Raphanus sativus*) *Indian Research Journal of Genetics and Biotechnology* 10(1):56-62.

162. Kour Sarabdeep, Gupta Meenakshi, D. Kachroo and Bharat, Rajeev 2017. Direct and residual effect of zinc and boron on productivity, nutrient uptake and economics of mustard (*Brassica juncea*) in mustard-maize cropping sequence. *Journal of ISSS*.65(3):
163. Kour, J., Devi, J., Sarma, K., Chakraborty, D. 2017. Effect on zinc supplementation on growth and biochemical profile in male Wistar rats, *Veterinary Practitioner*, 18(2):183-186.
164. Kour, N., Rahman, S., Azmi, S., Dutta, S. and Wani, H. 2017. Patho-morphological changes in experimentally induced Cadmium chloride toxicity in Wistar rats. *Indian Journal of Veterinary and Animal Sciences Research*, 46 (4): 1047-1057.
165. Kour, N., Rahman, S., Azmi, S., Wani, H. and Sharma, M. 2017. Haemato-biochemical observations in experimentally induced Cadmium chloride toxicity in Wistar rats. *Indian Veterinary Journal*, 94(02): 13-16.
166. Kour, N., Rahman, S., Wani, H and Sheikh, M.R. 2017. Cadmium induced neurotoxicity in Wistar rats and involvement of oxidative stress. *Biochemical and Cellular Archives*, 17(2): 665-674.
167. Kour, S., Devi, J., Kour, K., Chakraborty, D., Ganai, A.W., Zargar, R., Khajuria, P. 2017. Effect of extreme seasons on some blood biochemical parameters in Beetal and Toggenberg goats of Jammu region, *Journal of Animal Research*. 7(4):779-784.
168. Kour, S., Khan, A. and Masud, S. (2018). Poultry waste recycling and its impact on fish production. *American Journal of Marine Research and Reviews (AJMRR)*, 18(1): 1-4.
169. Kour, Sarabdeep, Gupta, Meenakshi., Kachroo, Dileep and Bharat, Rajeev 2017. Direct and residual effect of zinc and boron on productivity, nutrient uptake and quality in mustard (*Brassica Juncea L.*) and succeeding maize (*Zea mays*) crop in subtropical Inceptisols of Jammu. *Journal of Indian Society of Soil Science*, 65 (3), 334-340
170. Kour, Sarabdeep., Gupta, Meenakshi., Kachroo., Dileep and Bharat, Rajeev. 2017. Direct and residual effect of zinc and boron on productivity, nutrient uptake and quality on mustard (*Brassica juncea*) and succeeding maize (*Zea mays*) in subtropical Inceptisols of Jammu. *Journal of Indian Society of Soil Science* 65 (3): 334-340
171. Koushalya Devi, Rajesh Kumar*, V.K. Wali, Prashant Bakshi, Nirmal Sharma and Vivek Arya. 2018. Effect of foliar application of nutrients and growth regulators on fruit cracking and quality of Eureka lemon under rainfed conditions. *Indian Journal of Horticulture*, 10.5958/0974-0112.2018.00008.7
172. Kumar J., Kumar, A., Sharma, B. C., Bharat, R., Singh, A. P., Sharma, N., Stanzen, L. and Reena. 2017. Effect of weed management practices and establishment techniques on yield and economics of rice in north-west Himalayan sub-tropical foot hills. *International Journal of Current Microbiological and Applied Sciences*, 6 (12): 1714-1722.
173. Kumar P., Chatli M., Verma A.K., Mehta N., Malav O.P., Kumar D. and Sharma Neelesh (2017). Quality, functionality and shelf life of fermented meat and meat products: A review. *Critical Reviews in Food Science and Nutrition*, 57 (13): 2844-2856.
174. Kumar R., Slathia P.S., Peshin R., Gupta S.K., Gupta S.K., and Naina M.S., 2018. Performance analysis of rapeseed-mustard crop under different agro-climatic conditions of Jammu Division of J & K State. *Indian Journal of Agricultural Sciences* 88(3): 463-8.
175. Kumar S, Saxena A, Sharma U and Kumar S (2017). Biochemical analyses of anoestrus buffalo serum infested with Helminths. *Progressive Research. An International Journal*, 12(V); 2487-2489.
176. Kumar, A. and Uma Shankar. 2017. Management of Whitefly on Cucumber, *Cucumis sativus* in Jammu Climatic Region (J&K) India. *Trends in Biosciences*, 10(36), 7510-7513.
177. Kumar, A., Elad, Y., Tsechansky, L., Abrol, V., Lew, B., Offenbach, R. and Graber, E. G. 2018. Biochar potential in intensive cultivation of *Capsicum annuum L.* (sweet pepper): Crop yield and plant protection. *Journal of the Science of Food and Agriculture*, 98: 495-500.

178. Kumar, A., Kaul, V. and Uma Shankar. 2018. Response of Brinjal (*Solanum melongena* Guen.) varieties for the resistant reaction against Brinjal shoot and fruit borer (BSFB) and red spider mites (RSM). *Journal of Entomology and Zoology Studies*, 6(2): 1369-1373.
179. Kumar, A., Kher, S. K., Nanda, R., Sharma, A., Rizvi, S.E.H. and Ahmad, H. 2017. Information Source Utilization Pattern of Horticulture Extension Personnel for Seeking and Dissemination of Horticultural Technology in Jammu Region of Jammu and Kashmir, India. *Int. J. Curr. Microbiol. App. Sci.*, 6(11): 3271-3277
180. Kumar, A., Kher, SK., Lal, B., Nanda, A.S., Rizvi, SEH & Ahmad, H. 2017. Information source utilization pattern of horticulture extension personnel for seeking and dissemination of horticultural technology in Jammu region of J&K, India. *Int. J. Current Microbiology and Applied Science*: 33-38.
181. Kumar, A., Kher, SK., Lal, B., Nanda, R., Sharma, R. & Sharma, A. 2017. Training strategies preferred by the Horticulture Extension Personnel in Jammu region of Jammu and Kashmir State. *Journal of Krishi Vigyan*: 238-243.
182. Kumar, D., L V Singh, Singh D K., Taggar, R K., Chakraborty, D., V Mahajan and Shanti, V. R. 2018. Genetic variability of TLR1 gene and its relation with different traits in pigs. *International Journal of current Microbiology and Applied Sciences*, Special Issue-7: 3103-3105.
183. Kumar, R. R., Goswami, S., Shamim, M., Dubey, K., Singh, K., Singh, S., Kala, Y. K., Niraj Ravi, R.K., Sakhrey, A., Singh, G. P., Grover, M., Singh, B., Rai, Gyanendra K., Rai, A., Chinnusamy, V., and Praveen, S. 2017. Exploring the heat-responsive chaperones and microsatellite markers associated with terminal heat stress tolerance in developing wheat. *Functional and Integrated Genomics*. DOI 10.1007/s10142-017-0560-1.
184. Kumar, R., Slathia, P.S., Peshin, R., Gupta, S.K. and Nain, N.S. 2018. Performance analysis of rape seed mustard crop under different agro climatic conditions of Jammu division of J & K State. *Indian Journal of Agricultural Sciences* 88(3):463-468.
185. Kumar, R., Slathia, P.S., Peshin, R., Gupta, S.K., and Nain, M. S. 2018. Performance analysis of rapeseed mustard crop under different agro-climatic conditions of Jammu Division of J& K state. *The Indian Journal of Agricultural Sciences*. 2018: 88(3).
186. Kumar, R.R., Goswami, S., Shamim, M., Mishra, U., Jain, M., Singh, K., Singh, J.P., Dubey, K., Singh, S., Rai, Gyanendra K., Singh, G. P., Pathak, H., Chinnusamy, V. and Shelly, P. 2017. Biochemical Defense Response: Characterizing the Plasticity of Source and Sink in Spring Wheat under Terminal Heat Stress. *Frontiers in Plant Science*. doi: 10.3389/fpls.2017.01603
187. Kumar, S., Katoch, R., Nashiruddullah, N., Azmi, S. and Singh, R. 2017. Histopathological changes due to interaction of visceral larva migrans and diabetes mellitus. *Journal of Animal Research*, 7(6): 1-7.
188. Kumar, S., Mahajan, V., Sharma, P. K. and Parkash, S. 2017. Impact of Front Line Demonstrations on the Production and Productivity of Moong (*Vigna radiata* L), Mash (*Vigna mungo* L), Rajmash (*Phaseolus vulgaris* L), Lentil (*Lens culinaris* L) and Chickpea (*Cicer arietinum* L) under rainfed ecology in mid hills of J & K, India. *Legume Research*, doi 10.18805/LR 3816.
189. Kumar, S., Saxena, A., Sharma, U., and Kumar, S. 2017. Bio chemical analysis of anestrus buffalo's serum infested with helminthes. *Progressive Research – An International Journal* 12 (Special-IV): 2487-2489
190. Kumar, Sandeep., Kour, Sarabdeep. Lalotra, Shivani., Choudhry, Kartikeya and Singh, Hari. 2017. Response of different rice varieties and fertility levels on relative economics and quality of rice under aerobic conditions. *Current Journal of Applied Science and Technology* 23(6): 1-7
191. Kumar, Sandeep., Kour, Sarabdeep., Gupta, Meenakshi., Kachroo, Dileep and Singh, Hari. 2017. Influence of rice varieties and fertility levels on performance of rice and soil nutrient status under aerobic conditions. *Journal of Applied and Natural Science* 9(2): 1164-1169.
192. Kumar, Sanjeev, Singh, S. P., Anil, Bhat and Sharma, M. K, 2017. Economics of rajmash cultivation in Eastern Jammu region, *Journal of Food Legumes* 30(1): 54-56.

193. Kumar, Sanjeev, Singh, S. P., Bhat, Anil, Hamid, Naveed, Isher, A. K and Deep, Akshay, 2017. Agricultural marketing in hills: A Socio-economic analysis of Rajmash marketing under North-western Himalayan region of J&K. *International Research Journal of Agricultural Economics and Statistics* 8(2) 325-329.
194. Kumar, V., Sharma, K. R., Sharma, V., Arya, V. M., Kumar, R., Singh, V. B., Sinha, B. K. and Singh, B. 2017. Soil Quality Refurbishment through Carbon Sequestration in Climate Change: A Review. *International Journal of Current Microbiological and Applied Sciences*, 6 (5): 1210-1223.
195. Kumar, Vijay, Kumar, Rakesh, Singh, V.B., Arora, Rohit and Vikas, Vishaw 2017. Organic mulch- is a soil conditioner cum nutrient supplier: A review. *New Agriculturist*, 28(1): 293-297.
196. Kumar, Vijay, Kumar, Rakesh, Singh, V.B., Singh, Brinder and Sinha, Bhav Kumar 2017. Management of soil health for rainfed horticulture in Shiwaliks foothills of Jammu and Kashmir, India. Proceeding paper in national conference on water and soil management for agriculture and livelihood security under climate change, September, 8-9, pp 21-29.
197. Kumar. S. and Singh, P. 2017. Stability by Additive Main Multiplicative Interaction (AMMI) model & genetic diversity studies in micro and macro-sperma lentil (*Lens culinaris* L) in mid hills of Jammu and Kashmir, India. *Legume Research*, 40 (5): 842-45.
198. Kumari, P., Singh, A.K., Ahmed, S. and Sharma, M. 2017. Effect of heat pretreatment on anther culture in different brassica genotypes. *The Bioscan* 12(3):1443-1447.
199. Lakshmi, Pandey, R K, Dogra S, Laishram N, Bhat D and Singh A. 2017. Effects of planting dates and spacing on disease incidence of *Alternaria* blight in African marigold (*Tagetes erecta* L.). *Journal of Pharmacognosy and Phytochemistry* 6(6): 1047-1048.
200. Lal, B.& Kumar, J. 2017. Use of Information and Communication Technologies by the farmers of hilly areas of J&K. *Journal of Krishi Vigyan*: 244-246.
201. Lal, B., Shahid, A.& Tandon, V. 2017. Impact of Vocational Training Programmes on Income of the Rural Youth, *J. Communication Studies*: 69-72
202. Laxami Jay, Kumar, B and Razdan A.K. 2017. GGE Biplot Analysis of Genotype x Environment Interaction in Basmati rice (*Oryza sativa* L.). *International Journal of Current Microbiology and Applied Sciences* 6(12): 3345-3350
203. Laxami Jay, Kumar, B and Razdan A.K. 2017. Stability analysis and genotype x environment interaction for grain yield in Basmati rice genotypes. *Indian Research Journal of Genetics and Biotechnology* 9(4) November: 486-490
204. Lobzang Stanzen, Anil Kumar, R. Puniya, Neetu Sharma, Amit Mahajan and Ashu Sharma 2017. Tillage and weed management on yield and nutrient uptake of wheat under maize-wheat cropping system in Western Himalaya *Indian Journal of Weed Science*, 49(1): 20 -22
205. Lobzang Stanzen, Anil Kumar, R. Puniya, Neetu Sharma, Ashu Sharma, Amit Mahajan and Ramesh Chand Bana 2017. Bio-efficacy of early post and post emergent application of tembotrione on nutrient removal by crop and weeds in Spring maize (*Zea mays* L.) under irrigated sub-tropical Shiwalik foothill conditions of J & K, India *International Journal of Current Microbiology and Applied Sciences*, 6(6): 663-670
206. Lobzang Stanzen, Anil Kumar, R. Puniya, Neetu Sharma, Ashu Sharma, Amit Mahajan and Ramesh Chand Bana 2017 Effect of tillage and weed management practices on weed dynamics and productivity in maize (*Zea mays*)-Wheat (*Triticum aestivum*) system. *International Journal of Current Microbiology and Applied Sciences*, 6(4):1907-1913
207. Lone, R.A., Dey, T., Sharma, B.C., Rai, Gyanendra Kumar, Wani, S.A. and Lone, J.A. 2017. Genetic Variability and Correlation Studies in Winter Wheat (*Triticum aestivum* L.) Germplasm for Morphological and Biochemical Characters. *International Journal of Pure Applied Bioscience*. 5 (1): 82-91, DOI: <http://dx.doi.org/10.18782/2320-7051.2489>.
208. Lyaqat Ali, S.K. Kher, P.S. Slathia, L.K. Sharma, Pawan Kumar Sharma and Sandeep Kumar. 2017. Sericulture in hills: contribution to economy of small and marginal farmers in hills of Jammu (J&K). *Maharashtra Jn. of Agril. Economics* 20(2): 150-153.

209. M .Banotra, B.C Sharma, B. Nandan, Vivak M. Arya, R. Kumar ,A.Verma, I. A.Shah and Vikas Gupta.2017. Yield, Quality and Economics of different Sweet corn (*Zea mays* L. VAR Saccharata) Cultivars at different Planting and Harvesting Dates under Shiwalik Foothills of J&K. *Indian Journal of Ecology*. 44(3):575-578
210. M. P. Sharma, A. K. Mondal, R. C. Bhoje, A. Samanta, A. P. Rai, V. M. Arya and K. R. Sharma.2017. Soil Characterization of Advance Research Centre for Rain Fed Agriculture Farm of Sher-e-Kashmir University of Agricultural Sciences and Technology Rakh-Dhinsar, Jammu- (J&K) *International Journal of Plant & Soil Science*, 20(1): 1-7, 2017; Article no.IJPSS.36858 ISSN: 2320-7035
211. Mahajan R, Zargar SM, Singh R,Salgotra RK, Farhat S and Sonah H (2017) Population structure analysis and selection of core set from among common bean genotypes from Jammu and Kashmir, India. *Appl. BiochemBiotechnol*. 182 (1):16-28 (NAAS: 7.61)
212. Mahajan, A., A. K. Gupta, M. S. Bhadwal, M. A. Bhat and H. R. Bhardwaj. 2017. Occurrence and Management of obstructive urolithiasis in ruminants. *J. of Anim. Res.* 7(4): 723-731.
213. Mahajan, V. Das, A K., Taggar, R K., Kumar, D. and Sharma, R. 2018. Polymorphism of keratin associated protein (KAP) 7 gene and its association with wool traits in Rambouillet sheep. *Indian Journal of Animal Sciences*, 88 (2): 206-209.
214. Mahajan, V. Das, A K., Taggar, R K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Effect of non-genetic factors on some wool traits in Rambouillet Sheep. *International Journal of current Microbiology and Applied Sciences*, Special Issue-7: 3958-3965.
215. Mahajan, V. Das, A K., Taggar, R K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Non-genetic factors influencing traits of wool in Rambouillet sheep in Jammu. *International Journal of current Microbiology and Applied Sciences*, Special Issue-7: 3966-3973.
216. Mahajan, V., Das, A. K., Taggar, R. K., Kumar, D and Sharma, R. 2017 Association of Polymorphic variants of KAP 1.3 gene with wool traits in Rambouillet sheep. *Indian J. Animal Sciences*, 87 (10): 1237-1242.
217. Mahajan, V., Das, A. K., Taggar, R. K., Kumar, D. and Sharma, R. 2018. Polymorphism of KAP 7 gene and its association with wool traits in Rambouillet sheep. *Indian Journal of Animal Sciences*, 88(2):206-209.
218. Mahajan, V., Das, A. K., Taggar, R. K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Effect of non-genetic factors on some wool traits in Rambouillet sheep. *Int. J. Curr. Microbiol. App. Sci.*, Special Issue-7: 3958-3965
219. Mahajan, V., Das, A. K., Taggar, R. K., Kumar, D., Khan, N., Sharma, R. and Shanti, V. R. 2018. Non-genetic factors influencing the wool traits of Rambouillet sheep in Jammu. *Int. J. Curr. Microbiol. App. Sci.*, Special Issue-7:3966-3973
220. Mahapatra, P. S., Singh, R., Kumar, K., Sahoo, N. R., Agarwal, P., Mili, B., Das, K., Sarkar, M., Kumar Bhanja, S., Das, B. C., Dhara, S. K., Bag, S.2017. Valproic acid assisted reprogramming of fibroblasts for generation of pluripotent stem cells in buffalo (*Bubalus bubalis*), *Int J Dev Biol* 61(1-2):81-88.
221. Mahender Singh, Lobzang Stanzen, Charu Sharma, B C Sharma and Rohit Sharma. 2017. Effect of different sowing environment on growth and yield of Wheat (*Triticum aestivum* L.) varieties. *Journal of Pharmacognosy and Phyto chemistry*. 6(6) 2522-2525
222. Malik, M. A.; J. K. Sharma, Moien Javaid, Maninder Singh and Raghubir Singh(2017) Pathomorphological Alterations in Various Organs of Experimentally Induced Listeriosis in Mice. *International Journal of Current Microbiology and Applied Sciences*, 6(12): 1-9.
223. Malvika Sharma, Meenakshi Gupta, Sarabdeep Kour, Rajeev Bharat and Surinder Pal Singh (2017) Effect of sowing schedules and varieties on productivity and economics of Baby corn (*Zea mays*). *Environment and Ecology*, 35 (4B): 3027-3031

224. Meenakshi Gupta and Sarabdeep Kour, Gupta Vikas, Bharat Rajeev and Sharma Charu 2017 Production performance of Linseed (*Linum usitatissimum*) varieties under fertility levels at sub-tropical conditions of Jammu. *Bangladesh Journal of Botany*.46(2). 575 -581
225. Meenakshi Gupta, Charu Sharma, B. C. Sharma, and Mahender Singh 2017. Influence of weather conditions on phenology, thermal indices and yield of wheat cultivars under sub-tropical conditions of Jammu. *Journal of Agrometeorology*19 (Sp. Issue) : 92-97.
226. Meenakshi Gupta, Charu Sharma, Rajeev Sharma, Vikas Gupta and M.K.Khushu. 2017 Effect of sowing time on productivity and thermal utilization of mustard (*Brassica juncea*) under sub-tropical conditions of Jammu. *Journal of Agrometeorology*. 19 (2):137-141
227. Meenakshi Gupta, Sarabdeep Kour, Vikas Gupta, Rajeev Bharat and Charu Sharma 2017. Production performance of linseed (*Linum usitatissimum* L.) varieties under different fertility levels. *Bangladesh journal of Botany*, 46 (2): Pp. 817-821
228. Mir Awsaf Ahmad, L M Gupta, Meenakshi Gupta and N.K. Gupta (2018). Influence of irrigation schedules on growth, yield and water use efficiency in aloe (*Aloe barbadensis*). *The Indian Journal of Agricultural Sciences* Vol. 88, no. 1 pp 1-164
229. Mir, I. A., Ahmad, H., Sharma, D., Ganai, S. A. and Sharma, S. 2017. Screening for resistance in wheat against aphid *Sitobion avenae* F. *Indian Journal of Entomology*, 79(1): 59-61.
230. Mir, I.H., Bablu Kumar, Anil Taku, Farah Faridi, Mohd. Altaf Bhat, Naseer Ahmad Baba and Tahir Maqbool (2013). Bacteriological and Molecular Detection of *Streptococcus equi* subsp. *equi* and *Streptococcus equi* subsp. *zooepidemicus* in Equines of Northern India. *Journal of Equine Science*. Vol. 24, No. 3. 53 – 55.
231. Mir, I.H.; Bablu Kumar, Anil Taku, Rajinder Kumar Bhardwaj, Mohd Altaf Bhat And Gulzar Ahmad Badroo (2015). Prevalence and Antibiogram study of *Rhodococcus equi* in equines of Jammu and Kashmir, India. *Journal of Equine Science*. Vol. 26, No. 1. 21–24.
232. Mir, M., Dogra, S., Badroo, G.A., Nashiruddullah, N., Dogra, S., Batoo, A.S., Javaid, M. and Bhat, M.A. 2017. Pathomorphological study of visceral gout in desi fowl. *International Journal of Current Microbiology and Applied Sciences*, 6(10): 5039-5042.
233. Mir, M., Sharma, R.K., Rastogi, A. and Haq, Z. 2017. Effect of dietary supplementation of walnut cake (*Juglans regia*) on the performance of goats. *Indian Journal of Small Ruminants*. 23(2): 172-175.
234. Mondal A., Shankar, U., Abrol, D.P., Kumar Amit, Singh A.K. 2018. Incidence of major insect pests on French bean and relation to environmental variables. *Indian Journal of Entomology*. 80(1):51-55.
235. Mondal, A., Uma Shankar, D.P. Abrol, Ichpal Singh and Thanlass Norboo. 2017. Evaluation of pest management strategies against sucking insect-pests for the safety of beneficial insects in vegetable French bean (*Phaseolus vulgaris* L.) *Int. J. Curr. Microbiol. App. Sci.*, 6(8): 1441-1448
236. Mongre R.K., Sharma Neelesh, Sodhi S.S., Ghosh M., Singh A.K., Kim N.E., Park Y.H., Shin Y.G., Kim S.J., Zhang J.J., Huynh D.L. and Jeong D.K. (2017). Novel phyto-derivative BRM270 inhibits hepatocellular carcinoma cells proliferation by inducing G2/M phase cell cycle arrest and apoptosis in xenograft mice model. *Biomedicine and Pharmacotherapy*, 87: 741-754.
237. Monika Banotra, B.C Sharma, Brij Nandan, Akhil Verma, I.A Shah , Rakesh Kumar, Vikas Gupta and Tundup Namgial. 2017. Growth, Phenology Yield and nutrient uptake of Sweet corn cultivars as influenced by Cultivars and planting times under irrigated subtropics of Shiwalik foothills. *International Journal of Current Microbiology and Applied Sciences (IJCMAS)*. 6 (10):2971-2985.
238. Mushtaq, M, Bhat, J.A., Mir, Z.A., Sakina, A. Ali, S. Singh, A.K., Tyagi, A., Salgotra, R.K., Dar, A.A. and Bhat, R. (2018). CRISPR/Cas approach: A new way of looking at plant abiotic interactions. *Journal of Plant Physiology*. Page 156-162

239. N.K. Gupta, J.S. Manhas and B.Renuka Rani (2017). Evaluation of training programme on Integrated Watershed Management Programme in Jammu and Kashmir. *Journal of Soil and Water Conservation* 16(3):, July-September 2017.
240. Neelesh Sharma, Azhar Shuaib Batoo, Zul huma, Sarabpreet Kour, Jyoti Misri and Kafil Hussain. (2017). Impact of Mastitis on Reproductive Performance in Dairy Animals: A Review. *Theriogenology Insight*: 7(1): 41-49
241. Neeraj Gupta , Meenakshi Trilokia, V.B. Singh and Vijay Kumar, 2017 storage studies of jam prepared from different aonla cultivars under lower foothills of Shivaliks . *Indian journal of ecology* 44(4):888-892
242. Neeraj, Avinash and Kumar, Pranav. 2018. Problems perceived by livestock farmers in utilization of Livestock Extension Services of Animal Husbandry Department in Jammu District of Jammu and Kashmir, India. *Int.J.Curr.Microbiol.App.Sci* 7(2): 1106-1113.
243. Nissar S and Suri S (2017). Micrometrical, Histological and Histochemical studies on the prostate gland of Bakerwali goat (Kaghani). *Indian Journal of Veterinary Anatomy*. 29(1): 21-24
244. Noor, S., Bhat, Z.F., Kumar, S. and Kousar, I. (2017). Asparagus racemosus: A newly proposed natural preservative for improved lipid oxidative stability and storage quality of meat products. *Nutrition and Food Science* 47 (5): 673-687.
245. Noor, S., Bhat, Z.F., Kumar, S. and Mudiyansele, R.J. (2018). Preservative effect of Asparagus racemosus: A novel additive for bioactive edible films for improved lipid oxidative stability and storage quality of meat products. *Meat Science* 139: 207-212.
246. Norboo, T., Ahmad, H., Ganai, S. A., Nadeya Khaliq, Divya Chaand, Stanzin Landol and Sonika Sharma.2017. Seasonal Incidence and Management of Thrips, *Scirtothrips dorsalis* (Hood) Infesting Rose. *Int.J.Curr.Microbiol.App.Sci* 6(8): 101-106.
247. Norboo, T., Hafeez Ahmad, Uma Shankar, Suheel Ahmad Ganai, Nadeya Khaliq and Amit Mondal. 2017 Seasonal Incidence and Management of Red Spider Mite, *Tetranychus urticae* Koch. Infesting Rose. *Int.J.Curr.Microbiol.App.Sci*, 6(9): 2723-2729
248. P.Singh , D. Kachroo, NP Thakur,V Khajuria.P.Kumar, M. Kumar & G. Kour (2018) “Comparative Performanace of Grampriya and Indigenous Desi Bird under Backyard System of Rearing in Jammu Province, India” . *Int. J. Curr. Microbiol. App. Sci.* (2018) 7(2): 101-105.
249. Pande Nishi, Shah M.A., Agrawal Rajesh., Kushwaha, R.B., Sharma Utsav and Soodan J.S. (2017). Erratic response to treatment in bitch with pyometra and ovarian cysts. *Indian Veterinary Journal*, 94 (02):57-59.
250. Pandey, A. K., Agarwal S., Gupta, S.K. and Andrabi, S. E. H. 2017. Assisted delivery of mummified foetus in primipara cow. *Vet. Practitioner*, 18(1): 41.
251. Para, P.A. Kumar, S., Raza, W.H and Ganguly, S. (2017). Effect of clove oil on some quality characteristics and sensory attributes of papaya pulp enriched enrobed chicken nuggets at refrigerated storage. *Indian Journal of Poultry Science*, 52 (1): 96-103.
252. Parmar, N., Singh, K.H., Sharma, D., Singh, L., Kumar, P., Nanjundan, J., Khan, Y.J., Chauhan, D.K. and Thakur, A.K. 2017. Genetic engineering strategies for biotic and abiotic stress tolerance and quality enhancement in horticultural crops: a comprehensive review 3, *Biotech* (7): 239.
253. Pathak, A. K. 2017. Nutrigenomics an Emerging Tool to Improve Animal Health and Production: Concept and Potential. *Veterinary Research International*, 5 (3): 57-64.
254. Pathak,U., Shrivastava, A.K. , Sinha,A.K., Mehra, N.L. and **Ahamad, S.** (2017). Comparative analysis of tractor drawn secondary tillage tools under vertisol. *Journal of Food, Agriculture & Environment* Vol.15 (3&4): 61-63. 2017.
255. Pawan Kumar Sharmaand Sudhakar Dwivedi. 2017. Economic Efficiency of Pecan Nut Production: An Application of Output Oriented DEA Model. *International Journal of Agriculture, Environment and Biotechnology* 10(4): 507-512.
256. Peeyush Sharma , Yael Laor , Michael Raviv , Shlomit Medina , Ibrahim Saadi , Arkady Krasnovsky , Maggie Vager , Guy J. Levy , Asher Bar-Tal , Mikhail Borisover. 2017.

- Compositional Characteristics of Organic Matter and Its Water-Extractable Components Across a Profile of Organically Managed Soil. *Geoderma* 286, 73–82
257. Peeyush Sharma, Yael Laor, Michael Raviv, Shlomit Medina, Ibrahim Saadi, Arkady Krasnovsky, Maggie Vager, Guy J. Levy, Asher Bar-Tal, Mikhail Borisover. 2017. Green manure as part of organic management cycle: Effects on changes in organic matter characteristics across the soil profile. *Geoderma* 305, 197-207.
258. Praveen Singh and Amit Kumar Singh, 2017. PB 9205: A promising maize hybrid suitable for intermediate hill zones of Jammu and Kashmir (India). *Indian Research Journal of Genetics & Biotechnology*, 9 (2): 279-285.
259. Prawez, S., Ahanger, A.A., Singh, T.U., Sarkar, S.N., Mishra, S.K. and Rahman, S. 2018. Short term administration of soluble guanylyl cyclase stimulator BAY 412272 improves kidney functions of L-NAME hypertensive rats. *International Journal of Livestock Research*, 8(3), 249-259.
260. PS Slathia, Narinder Paul, SK Gupta, BC Sharma, Rakesh Kumar and SK Kher. 2017. Traditional uses of under- utilized tree species in sub tropical rainfed areas of Kathua, Jammu & Kashmir. *Indian Journal of Traditional Knowledge* Vol. 16 (1): 164-169.
261. Rai A. P., Tundup, Phuntsog, Mondal, A. K., Kumar, Vijay, Samanta, A., Kumar, Manoj Arora, Rohit Kumar and Dwivedi, M. C. 2018. Cationic Micronutrient Status of Some Soils under Different Cropping System of Kishtwar District (J&K), India. *International Journal of Current Microbiology and Applied Sciences*, 7(01): 3596-3602. doi: <https://doi.org/10.20546/ijcmas.2018.701.422>.
262. Rai S.K., Sandhu Rubby, Jat Lekhraj, Kumar Ashwani, Kiran Usha, Mukhtar Shazia and Kohli Surbhi 2017. Study of Heterosis and Combining Ability for Yield and its Component Traits in Brassica juncea L. *Int.J.Curr.Microbiol.App.Sci* 6(12): 2570-2579.
263. Raina V., Sharma Neelesh, Khajuria S., Kumar K., Choudhary S., Syed Z. and Hussain K. (2017). Training needs of dairy farmers. *International Journal of Agriculture, Environment and Biotechnology*, 10(2): 245-251.
264. Raina, A.K, Bharti Vijay and Nanda P.K. (2017). Performance Evaluation for Up- scaling Water Productivity of Wheat in Ranbir canal command of Jammu. *Environment & Ecology* 35 (2D): 1526—1528, 14th October, 2017.
265. Raina, S., Dadhich, H., Kumar, A., Singh, B. and Kumar, J. 2018. Status, Scope and Constraints of Farm Mechanization in Jammu and Kashmir State of India. *International Journal of Current Microbiological and Applied Sciences*, 7 (3): 1279-1286.
266. Raina, Vishal and Sharma, Neelesh and Khajuria, Shalini and Kumar, Kamal and Choudhary, Sunil and Syed, Zul-i-huma and Hussain, Kafil. (2017). Training needs of dairy farmers. *International Journal of Agriculture, Environment and Biotechnology*. 10: 245-251
267. Raja, F., Kumar, A., Tanwar, T. and Kamal, S.B. (2017). Oxidative stability and storage quality of Mentha longifolia L. extract fortified fish nuggets at refrigeration temperature. *Journal of Applied and Natural Science*, 9 (1): 298-304.
268. Rajeev Bharat Vivak M.Arya, Vikas Sharma, S.Kour, Meenakshi Gupta, V.Shama, S.K. Rai & R.Gupta. 2017 Influence of agrochemicals on moisture stress mitigation in Indian mustard under rainfed conditions in Jammu *Journal of Soil & Water conservation* 16(3):274-278
269. Rajeev Bharat, Vivak M. Arya, Meenakshi Gupta, Sarabdeep Kour, Vikas Sharma, S.K. Rai and Rahul Gupta (2017) Effect of different agrochemicals on moisture stress mitigation in Indian mustard (*Brassica juncea* L.) under rainfed conditions of Jammu, *Journal of Soil and Water Conservation*, 16 (3): Pp 274-278
270. Rakesh Kumar, Pawan Kumar Sharma, P.S. Slathia and Narinder Paul. 2017. Effect of Price Fluctuation on Rural Livelihood of Basmati Growers in R.S. Pura Belt of Jammu District. *Ind. J. Ext. Educ. & R.D.* 25:20-24.

271. Rakesh Kumar, Pawan Kumar Sharma, P.S. Slathia and Nishi Sharma. 2017. Pesticide Use in Cereals: An Analysis of Farmers' Perception and Knowledge in Jammu District. *Int. J. Curr. Microbiol. App. Sci* 6(10): 2411-2419.
272. Rani, S., Sharma, A., Wali, V.K., Kour, K., Sharma, M. and Sharma, M. 2017. Evaluation of genetic diversity of pecan nut [*Carya illinoensis* (Wang) K. Koch.] in Jammu region. *Indian J. Hort.* 74(4): 601-603.
273. Rao, G. P., Kumar, M., Madhupriya and Singh, A. K. 2017. First report of 'Candidatus *Phytoplasma asteris*' (16SrI-B subgroup) associated with a maize leaf redness disease in India *Phytopathogenic Mollicutes* 7 (1) 52-56.
274. Rawat, S. K., Gupta, Ramjee and Dwivedi, Sudhakar, 2017. Feeding Effect of Shatavari (*Asparagus recemosus*) Supplementation on Dry Matter Intake, Body Weight and Milk Yield in Lactating Cows. *Agro-Economist: An International Journal* 4(1): 35-40.
275. Raza, W.H., Kumar, S. and Para, P.A. (2017). Effect of peanut flour on the quality attributes of fish-peanut snacks. *Fleischwirtschaft International*, 6/2017: 58-62
276. Recent Advances in Cluster Sampling using R software. LAP, International Book Market service Ltd. Mauritius, 2018.
277. Reena, Kumar, A. and Rai, P. K. 2018. Huge earthworm populations damaging several important crop plants (First Report). *International Association for the Plant Protection Sciences Newsletter*, No. 1, January, 2018: pp 34
278. Reena, Kumar, A. and Rai, P. K. 2018. Weeds acting as alternate hosts for mealy bugs vis-à-vis mealy bugs acting as bio agents in weed management (First Report). *International Association for the Plant Protection Sciences, Newsletter*, 9, September, 2018 pp: 324.
279. Reena, M. Padha, Singh, S. K., Kumar, A., Sinha, B. K., Jamwal, S. and Jamwal, B. S. 2018. Fungicidal activity of plants of Jammu region against chickpea wilt; *Fusarium oxysporum*. *Journal of Entomology and Zoology Studies*, 6 (1): 1061-1064.
280. Reena, Singh, B., Rai, P. K., Kumar, A., Jamwal, S. and Sinha, B. K. 2018. Soil fertility management and its impact on mustard aphid, *Lipaphis erysimi* (Kaltenbach) (Hemiptera: Aphididae). *Cogent Food and Agriculture*, 4: 1450-941 <https://doi.org/10.1080/23311932.2018.1450941>.
281. Reena, Tyagi, K., Sinha, B. K., Rai, P. K. and Jamwal, S. 2017. Gall thrips infesting *Terminalia chebula*-one of the most important medicinal plants of Jammu and Kashmir India. *Ecology Environment and Conservation*, 23 (1): 395-397.
282. Resum N.S., Kour P., Singh H. and Sharma Neelesh (2017). Post-partum hemoglobinurea in bovine. *Theriogenology Insight*, 7(1): 51-59.
283. Rizvi, S.E.H. (2018): "Statistical Design and Analysis for Field Trials" Published by Directorate of Extension, SKUAST Jammu, pp. 1-17.
284. Rubby Sandhu, S.K. Rai, Richa Bharti , Amardeep Kour ,S. K. Gupta and Ajay v Verma (2017) Studies on Genetic Diversity among Various Genotypes of *Brassica napus* L. Using Morphological Markers, *International Journal of Current Microbiology and Applied Sciences*, Volume 6 Number 7 pp. 469-480.
285. S.A.Sofi, Jagmohan Singh, and Khalid Muzaffer. 2018. Physical and cooking properties affected by sprouting with multi variate approach on GNG 469 chickpea seed cultivar. *International Journal of Advanced Research in Science and Technology* 7(4): 1143-1451.
286. S.A.Sofi, Jagmohan Singh, Shafiya Rafiq and Rafia Rashid. 2017. Fortification of dietary fiber ingredients in meat application: A Review. *International Journal of Biotechnology Research & Review* 19(2): 1-14.
287. S.A.Sofi, Jagmohan Singh, Shafiya Rafiq, Umaymah Ashraf, B.N.Dar and Gulzar Nayik. 2017. A comprehensive review on antimicrobial packaging and its use in food packaging. *Current Nutrition & Food Science*. 13:1-8.

288. S.C. Nagpure, R.G. Deshmukh, Pawan Kumar Sharma and D.N. Ingole. 2017. Pattern of crop concentration and crop diversification– An economic analysis. *Maharashtra Jn. of Agril. Economics* 20(2): 128-132.
289. S.K. Rai, Rubby Sandhu, Lekhraj Jat, Ashwani Kumar, Usha Kiran, Shazia Mukhtar and Surbhi Kohli (2017) Study of Heterosis and Combining Ability for Yield and its Component Traits in *Brassica juncea* L. *Int. J. Curr. Microbiol. App. Sci* 6(12): 2570-2579.
290. Salalia, R. & Walia, R. K. 2017. Effect of Soil Texture and Water Regimes on the Pathogenicity of Rice Root-Knot Nematode, *Meloidogyne graminicola* on Rice. *Indian Journal of Nematology*, 47(1), 136-138.
291. Salalia, R. & Walia, R. K. 2017. Survival of Rice Root-Knot Nematode, *Meloidogyne graminicola* Golden & Birchfield Rabi Season Under North Indian Conditions. *Indian Journal of Nematology*, 47(1), 133-135.
292. Salalia, R., Walia, R. K., Somvanshi, V. S., Kumar, P., & Kumar, A. 2017 Morphological, Morphometric, and Molecular Characterization of Intraspecific Variations within Indian Populations of *Meloidogyne graminicola*. *Journal of Nematology*, 49(3), 254-267.
293. Saleem R, Suri S, Sarma K and Sasan J S (2017). Anatomical studies on corpus luteum of adult Bakerwali goat. *Indian Journal of Veterinary Anatomy*. 29(2): 10-12.
294. Saleem, T., Katoch, R., Yadav, Anish and Godara, R. (2017). Study on pathological changes caused by *Oestrus ovis* in small ruminants of Jammu. *Indian J. Small Ruminants*, 23(1): 52-55.
295. Sanjeev Kumar, Vishal Mahajan, Pawan Kumar Sharma and Suraj Parkash. 2017. Impact of front line demonstrations on the production and productivity of moong (*Vigna radiata* L), mash (*Vigna mungo* L), rajmash (*Phaseolus vulgaris* L), lentil (*Lens culinaris* L) and chickpea (*Cicer arietinum* L) under rainfed ecology in mid hills of J & K, India. *Legume Research: An International Journal*. DoI: LR-3816.
296. Sarma ,K., Kalita, S.N., Devi, J .2017. Post-natal changes in the concentration of certain biochemical, metabolic and steroid hormones in Male Assam goats (*Capra hircus*) from birth to ten months of age, *Journal of Animal Research*. 7(2):307-311
297. Sarma ,K., Kalita, S.N., Devi, J .2017. Post-natal gross morphological and histoenzymic studies on the thyroid gland of Assam goat, *Journal of Animal Research*. 7(3):571-572.
298. Sarma K, Sasan J.S and Suri S. (2017). Gross and Morphometrical Studies on Scapula of Civet Cat (*Viverricula indica*). *International Journal of Pure and Applied Bioscience*. 5 (6): 80-85.
299. Sarma, K., Kalita , S.N., Devi , J. 2017. Postnatal age related histochemical studies on the testes in Assam goat (*Capra hircus*), *Veterinary Practitioner*. 18(1):74-76.
300. Sarma, K., Sarma, M., Devi , J. 2017. Age related post-natal histological studies on the thyroid gland in male Assam goat (*Capra hircus*), *Indian Vet. J.* 94(08): 14-17.
301. Sasan. J.S, Sarma, K. and Suri S (2018). Gross and morphometrical studies on scapula of barking deer (*Muntiacus muntjak*). *International Journal of Current Microbiology and Applied Sciences*, 7(2): 2820-2825.
302. Sasan. J.S, Sarma, K., Suri S and Malik. M.R. (2017). Biometry of the skull of buffalo (*Bubalus bubalis*). *Indian Journal of Veterinary Anatomy*. 29(1): 10-12.
303. Sasan. J.S, Sharma, A., Sarma, K., Suri, S and Malik. M.R. (2017). A quantitative histological study of the liver of pig (*Sus scrofa*). *Indian Veterinary Journal*. 94 (03): 14-16.
304. Sasan. J.S, Suri, S. and Sarma, K. (2017) Gross anatomical studies on the os-coxae of Bar-headed goose (*Anser indicus*). *Indian Veterinary Journal*. 94 (05):09-10.
305. Saurav Gupta, M.A. Parey, Amrish Vaid, Vishal Mahajan, Pawan Kumar Sharma, Berjesh Ajrawat, Vijay Kumar Sharma and R.K. Arora. 2017. Effect of migration of *Apis mellifera* colonies from Kashmir valley to Jammu on the honey production and colony development. *Maharashtra Jn. of Agril. Economics* 20(2): 51-52.

306. Shah Irfan Ali, Sharma H.K., Shah M.A., Katoch R. and Malik M.A. 2017. Prevalence of various Intestinal zoonotic Parasites in Dogs of Jammu region of Jammu and Kashmir. *International Journal of Livestock Research*. 7 (1): 116-120.
307. Shah, A.A., Salgotra, R.K., Wani, S.A., Mondal, S.K., Shah, M.M, Zarger, S.M.m and Kaour, A. 2017. Breeding and genomic approaches to increase crop yield under drought stress in climate change scenario. *European Journal of Experimental Biology*, 7(4):1-7.
308. Sharma Anil Kumar, Sharma A.K., Rai P.K. and Bharat, Rajeev 2017 Effect of Nitrogen and Organic manure on performance of hybrid Napier (*Pennisetum purpureum*) and soil properties. *Journal of Soil and Water Conservation*. 16 (3):274- 278
309. Sharma Ashu, Kachroo Dileep, Puniya R. and Thakur N.P. (2017). Response of Maize (*Zea mays*) hybrid to varying spacing and fertility levels grown during spring season. *Indian Journal of Agronomy* 62(2): 111-117.
310. Sharma Malvika, Gupta Meenakshi, Kour Sarabdeep Bharat, Rajeev and Surinder Pal Singh. 2017. Effect of sowing schedules and varieties on growth, yield and economics of baby corn (*Zea mays*). *Environment and Ecology*. 35 (4B) :3027-3031
311. Sharma Manish (2018): "Statistical techniques and field data analysis through SPSS" Published by Directorate of Extension, SKUAST Jammu, pp. 17-44.
312. Sharma Manish, Jeelani, M.I and Kumar Banti (2017): "Statistical Methods for data Analysis- SPSS an Overview" Published by the division of Animal Genetics & Breeding, Faculty of Veterinary Sciences & AH, SKUAST Kashmir, Shuhama, Alusteng, Srinagar, pp. 01-16.
313. Sharma Manish, Kumar Banti (2017): "Statistical Methods for data Analysis using SPSS" in *Essential Bioinformatics and Data Mining* Eds. Biswajit Brahma & Dharendra Kumar Published by the Satish Serial Publishing House, pp. 21-50
314. Sharma Neelesh, Batoo A.S., Zul I Huma, Kour S., Misri J. and Hussain K. (2017). Impact of mastitis on reproductive performance in dairy animals: A Review. *Theriogenology Insight*, 7(1): 41-49.
315. Sharma Neelesh, Huynh D.L., Kim S.W., Ghosh M., Sodhi S.S., Singh A., Kim N.E., Lee S.J., Hussain K., Oh S.J. and Jeong D.K. (2017). A PiggyBac mediated approach for lactoferricin gene transfer in bovine mammary epithelial stem cells for management of bovine mastitis. *Oncotarget*, 8(61): 104272-104285.
316. Sharma R, Sharma R, Sudan J, Salgotra RK and Singh R (2017) Alterations in cellular membrane stability due to heat stress in different genotypes of bread wheat. *Electronic Journal of Plant Breeding* 8: 1022-27 (NAAS: 4.97)
317. Sharma R, Sudan J, Sharma R, Kumari S, Salgotra RK and Singh R (2017) Terminal heat stress-responsive gene expression analysis in heat susceptible wheat genotype HDR77. *Electronic Journal of Plant Breeding* 8: 1124-1132
318. Sharma Rashmi, Sharma Harsh Kumar, Sharma Rohini, Katoch Rajesh, Kaur Rabjot, Rashid Mohd. and Ganai Alveena. 2017. Epidemiological study on prevalence of *Cysticercus cellulosae* in pigs of Jammu region. *Veterinary Practitioner*. 18(1), 102-105.
319. Sharma Veena and Singh Mahender, Verification of Medium Range Weather Forecast Issued for Jammu Region to Generate Agromet Advisory. *Journal of Current Microbiology and Applied Sciences*. International 7(3): 176-186
320. Sharma Vijay, Sharma H.K., Ganguly Subha, Berian Sindhu and Malik M. A. 2017. Seroprevalence studies of Brucellosis among goats using different serological tests. *Journal of Entomology and Zoological Studies*; 5(2): 1512-1516.
321. Sharma Vijay, Sharma H.K., Ganguly Subha, Berian Sindhu and Malik M. A. 2017. Seroprevalence studies of Brucellosis among human using different serological tests. *Int.J.Curr.Microbiol.App.Sci*. 6(5): 1793-1800.
322. Sharma D., Singh, S., Kaul V., Ahmad, H., Ganai, S. A. and Kumar, M. 2017. Population dynamics of major insect pests and their natural enemies in broccoli . *Indian Journal of Entomology*. 79(4):493-497

323. Sharma, Arpita, Kachroo D., Puniya, R., Sharma, Ashu, Bhagat, Sapna, Joshi, Deepa, Soni, P.G., Yadav, Taramani and Yadav, M. R. 2017 Water expense efficiency and Economics of Basmati rice (*Oryza sativa* L.) grown in System of rice intensification under different nutrient management practices and transplanting windows. *Chem Sci. Rev. Lett.* 6(21): 269-273
324. Sharma, Arpita, Kachroo D., Puniya, R., Sharma, Ashu, Bhagat, Sapna, Joshi, Deepa, Soni, P.G., Yadav, Taramani and Yadav, M. R. (2017). Water expense efficiency and Economics of Basmati rice (*Oryza sativa* L.) grown in System of rice intensification under different nutrient management practices and transplanting windows. *Chem Sci. Rev. Lett.* 6(21): 269-273.
325. Sharma, Arpita, Kachroo, D., Puniya, R., Ram, H., Joshi, D., Gupta, P., Yadav, Taramani and Yadav, M. R. 2017 Impact of Different Transplanting Dates and Nutrient Sources on Soil Microbial Population and Grain Yield of Basmati Rice (*Oryza sativa* L.) grown under SRI. *Int. J. Curr. Microbiol. App. Sci.* 6(3):. 778 -782
326. Sharma, Arti, Hamid, Naveed, Kachroo, Jyoti, and Singh, S. P, 2017. Supply chain of basmati rice in Jammu. *International Journal of Systematic and Evolutionary Microbiology* 1(1):18-22.
327. Sharma, Ashu, Kachroo, D., Puniya, R. And Thakur, N. P. (2017). Response of maize hybrids to varying spacing and fertility levels grown during spring season. *Indian Journal of Agronomy* 62(2): 224-227.
328. Sharma, D., Maqbool, A., Jamwal, V.V.S., Srivastava, K. and Sharma, A. 2107. Seasonal dynamics and management of whitefly (*Bemisia tabaci* Genn.) in tomato (*Solanum esculentum* Mill.). *Braz. Arch. Biol. Technol.* v.60: e17160 456
329. Sharma, D., Singh, S., Kaul V., Hafeez, A., Ganai, S.A. and Kumar, M. 2017. Population dynamics of major insect pests and their natural enemies in broccoli. *Indian Journal of Entomology*, 79 (4): 493-497
330. Sharma, Malvika., Gupta, Meenakshi., Kour, Sarabdeep., Bharat, Rajeev and Singh, Surinder Pal. 2017. Effect of sowing schedules and varieties on growth, yield and economics of baby corn (*Zea mays*). *Environment & Ecology.* 35(4B): 3027-3031.
331. Sharma, N., Jamwal, A., Reena and Jamwal, S. 2017. Bael-a tree with multiple uses. *Journal of Hill Agriculture*, 8 (2): 130-137.
332. Sharma, P. K. and Dwivedi, Sudhakar, 2017. Economic Efficiency of Pecan Nut Production: An Application of Output Oriented DEA Model. *International Journal of Agriculture, Environment and Biotechnology* 10 (4): 1-6.
333. Sharma, PK, Arora, RK, Deshmukh, R.G., Nagpure, S.C. & Lal, B. 2017. Exploring the differences in agricultural productivity among Northern states of India, Maharashtra Jr. of *Agril. Economics*: 172-177.
334. Sharma, R., Khar, S., Choudhary, P., Tandon, V., Kumar, P. and Bhat, A. 2017. Role of Floriculture sector in livelihood security of small scale family farming in intermediate region of Jammu. *Agro-Economist-An International Journal.* *Agro Economist - An International Journal.*4(1): 7-10
335. Sharma, R., Tandon, V., Khar, S., Choudhary, P. and Bhusan, B. 2017. Evaluation of frontline demonstrations on maize in hilly region of Jammu and Kashmir state. *Indian Journal of Social Research.* 58 (3): 283-288.
336. Sharma, S., Ahmad, H., Devinder Sharma, Suheel Ahmad Ganai, Ramandeep Kour, Nadeya Khaliq and Thanlass Norboo. 2017. Studies on seasonal incidence and field efficacy of insect growth regulators against diamondback moth, *Plutella xylostella* (L.) infesting cabbage, *Brassica oleracea* var. *capitata* (L.) *Journal of Entomology and Zoology Studies*, 5(5): 1921-1925
337. Sharma, S., Pradhan, S., Khajuria, P. and DAR, A.A. 2017 Genetic diversity studies in cucumber (*Cucumis sativus* L.) using RAPD markers. *Vegetable Science* 44 (1) : 34-37.
338. Sharma, S., Sharma, V. & Arora, S. 2017. Potassium Supplying Capacity of Some Citrus Orchard Soils in Foothill Himalayas through Quantity-Intensity Approach. *Journal of the Indian Society of Soil Science*, 65, 393-400.

339. Sharma, V & Kour., N (2017) Herbal Antioxidants: Chemistry and Medical Applications. Jaya Publishing House, Delhi, pp 1-77 (ISBN: 978-93-86110-78-7)
340. Sharma, V., Arya, V.M. & Sharma, K.R. 2017. Spatial variability of soil pH and electrical conductivity in the Jammu district of Jammu and Kashmir. *Journal of Soil and Water Conservation*, 16, 320-324.
341. Sheikh, S.A., Khan, A., Shah OS, Rouf A., Nadeem, P., Wani, N.M., Lone IB, Jan A and Hussain T. (2017). Effect of type of floor type and ventilation on physico-chemical composition, somatic cell count and microbiology of buffalo milk. *Journal of Pharmacognosy and Phytochemistry*, 6 (6):1702-1704.
342. Shruti Chhibber, Kafil Hussain, Azhar Shuaib Batoo, Muheet, Mazar Ali Shah, Sumreen Kour and Rajiv Singh (2017). Evaluation of serum cystatin c as a new marker of renal failure in small animal medicine. *Ind. J. Vet. and Anim. Sci. Res.* 46 (40):1076-1081.
343. Singh A.K., Sharma Neelesh, Ghosh M., Park Y.H. and Jeong D.K. (2017). Emerging importance of dietary phytochemicals in fight against cancer: Role in targeting cancer stem cells. *Critical Reviews in Food Science and Nutrition*, 57(16): 3449-3463.
344. Singh Praveen, Kumar Sanjeev and Dahich Sushmita 2017. Impact of climatic variability on the production and productivity of maize (*Zea mays*) in north western Himalayan region. *Indian Journal of Agronomy* 19, 38-44
345. Singh, A. K., Gopala, Rao, A., Goel, S. and Rao, G. P. 2018. Identification of 'Candidatus *Phytoplasma asteris*' causing sesame phyllody disease and its natural weed host in Jammu, India. *Indian Phytopathology*
346. Singh, A., Kour, K., Devi, J., Chakraborty, D., Koul, A. L., Singh, M. 2018. Effect of seasons on physiological parameters of crossbred cows, *International Journal of Fauna and Biological Studies: Vol 5(2):170-171.*
347. Singh, A., Kumar, Pranav and Kour, H. 2017. A case report on cow dung composting: Traditional practices followed by women in rural areas of J and K for maintaining agroecology. *The Journal of Rural and Agricultural Research* 16 (2): 79-80.
348. Singh, A.K., Sharma, M., Jeelani, M.I. and Wali, P. 2017. Stability and correlation for yield and yield attributing traits in fodder oats (*Avena sativa* L.). *Indian Res. J. Genet. and Biotech.* 9(2) 211-221
349. Singh, A.K., Wali, P. and Sharma, M. 2017. Estimates of Genetic variability, heritability, genetic advance and character association of oat genotypes for green fodder yield. *Ann. Agric. Res. New Series* 38(3):337-341.
350. Singh, G., Soodan, J.S., Tikoo, A. and Tripathi, A.K. (2017). Alterations in clinical, hematological and biochemical parameters in cases of equine colic. *Indian Veterinary Journal*. 94(02):36-40.
351. Singh, G.S., Taggar, R K., Chakraborty, D. and Kour, A. 2017. Molecular Genetic Characterization of Local Buffalo population of Jammu and Kashmir region using Microsatellite Markers. *Journal of Animal Research*, 7(6) :1149-1156.
352. Singh, I., Shankar, U., Abrol, D.P. and Mondal, A. 2017. Diversity of Insect Pollinators Associated with Pigeon pea, *Cajanus cajan* L. Mill sp. And Their Impact on Crop Production *Int. J. Curr. Microbiol. App. Sci.*, 6(9): 528-535
353. Singh, Manmohan, Singh, S. K. Singh, V. B., Singh, A.K., Gupta, Sachin, Singh, Ranbir, Razdan, V.K., Gupta, Anil, Shanker, Uma and Singh, A.K. 2018. Variability in *Bipolaris sorokiniana* causing spot blotch in wheat (*Triticum aestivum* L.) in Jammu Sub-tropics. *International Journal of Current Microbiology and Applied sciences*, 7 (02): 355-366.
354. Singh, Manpreet, Jasrotia, A. Bakshi, P, Shah, R. A., Kumar, R and Jeelani M.I. 2017. Influence of different calcium treatments and storage condition on quality of peach cv. Shan-e-Punjab. *Inter., Current Microbiology and Applied Science* 6 (11) : 2459-2466.
355. Singh, N. P., Kachroo, Jyoti, Bhat, Anil, Hamid, Naveed, Singh, S. P and Ali, J, 2017. Market Expansion through Corrective Action Taken for Sales and Distribution in Britannia

Industries Ltd. Research Journal of Agricultural Sciences (An International Journal) 8(4) (UGC approved).

356. Singh, P. and Singh, A. Kr. 2017. PB 9205: A promising maize hybrid suitable for intermediate hill zones of Jammu and Kashmir (India). Indian Research Journal of Genetics & Biotechnology, 9(2): 279 – 285.
357. Singh, P. Kumar, S. and Dadhich, S. 2017. Impact of climate variability on the production and productivity of maize (*Zea mays* L) in north western Himalayan region, India. Journal of Agrometeorology, 19 (Special Issue): 38-44.
358. Singh, P.P., Pande, N., Bhavna. and Agrawal, R. (2017). Clinical and biochemical studies on endometritic repeat breeding cows following treatment with levamisole. Haryana Veterinarian, 2017, 56(1): 55-57.
359. Singh, P.P., Pande, N., Bhavna., Agrawal, R., and Sharma, U. (2017). Physico-chemical evaluation of cervico-vaginal mucus, serum biochemical and progesterone levels in endometritic and normal repeat breeder cows. Intas Polivet, 18(1):16-19.
360. Singh, R., Sharma, D., Choskit, D. and Gupta, S. 2017. Serological detection of Potato leaf roll virus from subtropical zone of Jammu and Kashmir. Plant Disease Research. 32(2): 211-215
361. Singh, S. K., Singh, M., Singh, V. B., Singh, A. K., Gupta, Sachin, Singh, R., Razdan, V. K., Gupta, Anil, Shankar, Uma, Singh, A. K., Pandey, M. K. and Sharma, R. 2018. Prevalence of spot blotch (*Bipolaris sorokiniana*) of wheat and its management through host resistance. International Journal of Current Microbiology and Applied Sciences, 7:686-694.
362. Singh, S. P., Kumar, Nimit, Kachroo, Jyoti, Dwivedi, Sudhaker, Bhat, Anil, Hamid, Naveed, Isher, A. K and Sharma, Sabbey, 2017. Economics analysis of Costs and Returns of Wheat in Jammu District of J & K State. Journal of Safe Agriculture 1(2): 86-89.
363. Singh, S. P., Kumar, S., Kachroo, Jyoti, Sharma, Manish, Bhat, Anil and Singh. Harminder, 2017. Technology, Practices & Livelihood Security in Western Himalayas: An Analysis of constraints faced in Rajmash Cultivation by Hill Farmers of J&K State. Science for Society, 1(1): 30-32.
364. Singh, S., Chakraborty, D., Taggar, R. K. and Das, A.K. 2017. Sire evaluation based on First lactation production efficiency traits in crossbred cattle Environment and Ecology, 35 (3B): 2110-13.
365. Singh, S., Dutta, U., Bhat, A. K., Gupta, S., Gupta, V. and Jamwal, S. 2017. Morpho-cultural and biochemical identification of *Pseudomonas* sp. isolated from the rhizosphere of different vegetable crops and study its efficacy on *Solanum melongena* (brinjal). Journal of Pharmacognosy and Phytochemistry, 6 (2): 22-28.
366. Singh, S.K., Singh, Manmohan, Razdan, V.K. Singh, V.B., Singh, A.K., Gupta, Sachin, Singh, Ranbir, Gupta, Anil, Shanker, Uma, Singh, A.K., Pandey, M.K. and Sharma, Richa 2018. Prevalence of spot blotch (*Bipolaris sorokiniana*) of wheat and its management through host resistance. International Journal of Current Microbiology and Applied sciences, 7 (02): 686-694.
367. Singh, V , Singh, Rajiv and Hussain, Kafil. (2017). Evaluation of urea molasses multinutrient block supplementation in beetal cross goats. Indian Journal of Small Ruminants. 23. 111.
368. Singh, A. K., Koul, K., Uma Shankar., Singh, S. K., Mondal, A. and Singh, M. 2018. Seasonal incidence and management of red spider mite, *Tetranychus urticae* Koch on Okra, *Abelmoschus esculentus* (L.) Moench. Journal of Entomology and Zoology Studies, 6(2): 650-656.
369. Sinha, B. K., Reena, Chand, G. and Shanti, V. R. 2018. Micronutrient efficient genotypes for ensuring food and nutritional security. In: D. Kumar, D. Chakaraborty, B. Brahma, G. K. Rai and V. B. Shanti (eds.) Climate resilient sustainable agriculture and animal production pp 39- 56. My research publication, New Delhi.

370. Sinha, B. K., Reena, Chand, G., Kumar, R., Guleria, S. and Singh, V. B. 2018. Aam ki guchhi rog ki roktham Karen aur achhi fasal len. Technical Bulletin: 03/2018. Division of Plant Physiology, FBSc. SKUAST-Jammu.
371. Sinha A.K., Shrivastava AK, Gautam AK1 and Shahid Ahamad (2017). Status and Utilization of Tractor Power in Mahakoshal Region, MP, India. *Vegetos- An International Journal of Plant Research*. *Vegetos* 2017, 29:4 DOI: 10.4172/2229-4473.1000163 .
372. Slathia, P.S., Paul, N., Gupta, S.K., Sharma, B.C., Kumar, R. and Kher, S.K. 2017. Traditional uses of under-utilized tree species in sub-tropical rainfed areas of Kathua, Jammu and Kashmir. *Indian Journal of Traditional Knowledge*. 16 (1): 164-169.
373. Slathia, PS, Sharma, PK, Kumar Rakesh and Paul, Narinder (2017). Effect of price fluctuation on rural livelihood of basmati growers in RS Pura belt of Jammu District, *Indian Journal of Extension Education and Rural Development*, 25(1):20-24.
374. Sodhi, A. S., A. K. Gupta, M. A. Bhat, P. Gupta and M. S. Bhadwal. 2017. Evaluation of xylazine and acepromazine as premedicants to ketamine anaesthesia in dogs insufflated with CO₂ during laparoscopic vasectomy. *J. of Anim. Res.* 7(4): 647-652.
375. Srivastava, J. N, Singh, A.K, Kumar, Mithilesh, Kumai Anupam and Kumar, Rakesh (2018). Management of damping-off disease of seedling caused in solanaceous and cruciferous vegetable through integrated approach. *Journal of Pharmacognsy and Photochemistry*, SP1: 3000-3003.
376. Srivastava, K., Sharma, D., Pandey, S. D. and Nath, V. 2017. Dynamics of climate and pollinator species influencing litchi (*Litchi chinensis*) in India. *Indian Journal of Agricultural Sciences*. 87(2) : 266-269.
377. Stanzen, L., Kumar, Anil, Puniya, R. Sharma, Neetu, Sharma, Ashu, Mahajan, Amit and Bana, R. C. 2017 Effect of tillage and weed management practices on weed dynamics and productivity in maize (*Zea mays*)-wheat (*Triticum aestivum*) system. *Int. J. Curr. Microbiol. App. Sci.* 6(4): 1907 -1913
378. Stanzen, L., Kumar, Anil, Puniya, R., Sharma, Neetu, Mahajan, Amit and Sharma, Ashu 2017 Tillage and weed management on yield and nutrient uptake of wheat under maize-wheat cropping system in Western Himalayas. *Indian Journal of Weed Science* 49(1): 20 -22
379. Sudan J, Raina M, Singh R, Mustafiz A and Kumari S (2017) A modified protocol for high-quality DNA extraction from seeds rich in secondary compounds. *Journal of Crop Improvement* 31(5): 637-347
380. Sudan J, Raina M and Singh R (2018) Plant epigenetic mechanisms: role in abiotic stress and their generational heritability. *3 Biotech* 8(3): 172 (NAAS: 7.36)
381. Sudan J, Sharma D, Mustafiz A and Kumari S (2017) Signaling Peptides: Hidden Molecular Messengers of Abiotic Stress Perception and Response in Plants: In *Abiotic Stress-mediated Sensing and Signaling in Plants: An Omics Perspective*, 978-981-10-7478-3, 431435_1_En, (3)
382. Sudan, A. Taggar, R.K., Chakraborty D., Singh, G, S. Simran, Altaf S. and Anamika. 2017. Descriptive statistics and product moment correlations of different Performance traits in Rambouillet sheep. *Indian Journal of Tropical Biodiversity*, 25(2) 229-32.
383. Sudhakar Dwivedi and Pawan Kuamr Sharma. 2017. Economic and Production Constraints for Niche crops in Jammu & Kashmir. *Agro Economist - An International Journal* 4(2): 61-64.
384. Sunil Chaudhary, Azhar Shuaib Batoo, Kafil Hussain, Afaq Amin Najar, Girjesh Upmanyu and Kamal Agrawal 2018. Prevalence of pododermatitis caused by staphylococcus aureus in Poultry birds of jammu. *International journal of livestock Research*. Vol. 8(3).
385. Supneet Kaur, Singh A.K., and Sreshti Bagati (2018) Assessment of Genetic Diversity in cultivated tomato (*Solanum Lycopersicon L*) genotypes using Molecular Marker. *International Journal of current Microbiology Applied Sciences*. Vol 7 No4 .Page 2129-2143
386. Supneet Kaur, Singh A.K., Sreshti Bagati, Mamta Sharma and Satish Kumar Sharma (2018) Morphological Marker based assessment of Genetic Diversity in cultivated tomato (*Solanum*

- Lycopersicon L) genotypes. International Journal of Environment, Agriculture and Biotechnology. Vol 2 issue2, page 567-573.
387. Suri S, Sasan J.S, Sarma K and Chakraborty D. (2017).Comparative gross and histomorphological studies on the spleen of Sheep and goat of Jammu region of India. Exploratory Animal and Medical Research 7(2): 179-183.
388. Taggar, R K.,Chakarabarty, D., Kumar, D., Vohra, V., Tantia, M. S. and Sharma, A. 2018. Wool Characteristics of Poonchi Sheep. International Journal of Fauna and Biological Studies, 5(2): 133-35.
389. Tandon, V. Sharma, R. and Choudhary, P. 2017 Marigold cultivation: A potential enterprise for transforming lives of farmers of Jammu region. Maharashtra Journal of Agricultural Economics.
390. Tanin, Mohd. Jaffar, Kumar, Ashwani, and Gupta S.K. Phenotypic stability for Yield and some quality Traits in Brassica juncea L. 2018. International Journal of Current Microbiology and Applied Sciences 7(2): 479-485
391. Thakur B, Sharma S*, Sharma I, Sharma P, Deepika and Zargar SM. 2018. Diversity analysis of pea genotypes using RAPD markers. Legume Research. 41(2) 196-201. DOI: 10.18805/LR-3709.
392. Tikoo,A., Soodan, J. S., Singh, G and Singh, RajivClinical, hematobiochemical and blood-gas alterations in control and diarrheal calves.(2017).Indian Veterinary Journal. 94(10):45-48.
393. Tripathi A K, Soodan J S and Kushawaha R B (2017). Studies on osteodystrophia fibrosa in equines. Intas Polivet, 18 (1): 202-203.
394. Uma Shankar and D. P. Abrol. 2017. Do pollinators perform acrobatics for food acquisition ? Advances in Pollen Spore Research, XXXV: 243-246
395. Uma Shankar, D. P. Abrol, D. Chaterjee and S.E. H. Rizvi. 2017. Diversity of native bees on Parkinsonia aculeate L. in Jammu region of North-West Himalaya. Tropical Ecology, 58(1):211–215
396. Uma Shankar, D.P. Abrol and Amit K. Singh. 2017 Plants for bees Pongamia pinnata (L.) Pierre Journal of Palynology, 53 : 133-137.
397. Veena Sharma, Mahender Singh and Rohit Sharma 2017. Accuracy of Rainfall Forecast in Issuing Agromet Advisory for Low Intermediate Agro- Climatic Zone of Jammu region. Journal of Safe Agriculture 01 (2): 71-73.
398. Verma, P.K., Raina, R., Prawez, S., Sultana, M., Singh, M. and Kumar, P. (2017). Protective mechanisms of quercetin on cisplatin induced oxidative damage in hepatic tissue of wistar rats. Proceeding of National Academy of Science, India: Section B Biological Science DOI: 10.1007/s40011-017-0877-5.
399. Verma, P.K., Raina, R., Singh, M., Wazir, V.S. and Kumar P. (2017). Attenuating potential of Calendula officinalis on biochemical and antioxidant parameters in hepatotoxic rats. Indian Journal of Physiology and Pharmacology, 61(4):398-410
400. Verma, P.K., Raina, R., Sultana, M., Singh, M. and Kumar P. (2017). Nephroprotective potential of Alstonia scholaris in cisplatin induced nephrotoxicity in experimental animals. Proceeding of National Academy of Science, India: Section B Biological Science DOI: 10.1007/s40011-017-0881-9.
401. Vijay Kumar, K.R. Sharma, Vikas Sharma, Vivak M. Arya, Rakesh Kumar, V.B. Singh, Bhav Kumar Sinha and Brinder Singh. 2017. Soil Quality Refurbishment through Carbon Sequestration in Climate Change: A Review. International Journal of Current Microbiology and Applied Sciences, 6(5)1210-1223
402. Vikas Gupta, Anil Kumar, Meenakshi Gupta, B.C. Sharma, Mahender Singh, Monica Banotra, Sapna Bhagat and Ashu Sharma 2018. Astrological Interventions and their utilization prospects for soil and water conservation in Hill Agriculture- a review. International Journal of Current Microbiology and Applied Sciences. 7 (1) : 3514-3522.

403. Vikas Sharma A.S.Bali and Dileep Kachroo. (2017). Crop growth, yield dynamics, soil properties and economics of hybrid rice (*Oryza sativa*) as influenced by different establishment methods and sowing schedules under rice- wheat cropping system in Indo- Gangetic Plains. *J. of Ecology Environment and Conservation*. 23(S) : 377-382.
404. Vikas Sharma, Vivak M. Arya & K.R. Sharma.2017. Spatial variability of soil Ph and electrical conductivity in the Jammu district of Jammu and Kashmir. *Journal of Soil & Water conservation*
405. Vishav, P. Singh, R.K. Taggar, Pallavi Khajuria, D Chakraborty, D Kumar, N Kumar and VS Wazir.2018. Phylogenetic analysis of KRT1.2 gene in Rambouillet sheep. *International Journal of Fauna and Biological Studies*, 5(2): 22-26.
406. Wani, H. and Rahman, S. 2017. Pathomorphological alterations due to sub-lethal doses of chlorpyrifos in immune organs of broiler chickens. *Journal of Experimental Zoology, India*. 20(1): 521-525.
407. Wani, H., Rehman, S., Shoukat, S., Kour, N and Dutta, S. (2017). A study on chlorpyrifos induced oxidative stress in broiler chickens. *International Journal of Livestock Research*, 7(3): 28-39.
408. Wani, H., Rehman, S., Shoukat, S., Kour, N. and Ayoub, B. 2018. Patho-Morphological changes in liver, kidney and brain of broiler birds due to chlorpyrifos intoxication. *International Journal of Livestock Research*, 8(2), 266-274.
409. Wani, J.M., Sharma, U., Beigh, S. A., Khan, S.U. H., Javid, M., Bashir, M., Pandey, A.K., Ali U. and Dar R.R., 2017 .Studies on estrus Induction in Ewes during Non-Breeding Season. *International Journal of Current Microbiology and Applied Sciences*, 6(12): 1107-1115.
410. Wani, J.M., Sharma, U., Beigh, S. A., Khan, S.U. H., Sheikh, A. A., Pandey, A.K., Wani, N. M., Ganaie, M.Y., Pirzada, A. R. and Haq, Z. 2018. Evaluation of biochemical profile of estrus induced ewes during non breeding season. *Journal of Entomology and Zoology Studies* 6(1): 796-799
411. Yadav, A., Panadero, R., Katoch, R., Godara, R. and Cabanelas, E. (2017). Myiasis of domestic and wild ruminants caused by Hypodermatinae in the Mediterranean and Indian subcontinent. *Vet. Parasitol.*, 243: 208-218.
412. Zargar M.A., Pathak, A.K. and Daing, Mohd. Iqbal 2017. Screening and evaluation of antioxidants and anticoccidial properties of condensed tannins containing tree leaves of Jammu province. *Indian Journal of Animal Research*, 51 (6): 1105-1112.
413. Zargar, F.A., Kumar, S., Bhat, Z. F. and Kumar, P. (2017). Effect of incorporation of carrot on the quality characteristics of chicken sausages. *Indian Journal of Poultry Science*, 52 (1): 91-95.

Books published

1. Ahamad, Shahid and Nasim Ahmad (2017). *Pathogenic Fungi in Plant Organisms*. Published by Educationist Press, A division of Write and Prints Publications, New Delhi. pp286. ISBN:978-93-86283-64-1.
2. Gupta, S.K., Panwar, P. and Kaushal, R. 2017. *Agroforestry for Increased Production and Livelihood Security*, New India Publishing Agency, New Delhi, INDIA .
3. Devinder Sharma and V. Kaul. 2017. *Objective Guide in Entomology*. New India Publishing Agency, New Delhi.
4. Uma Shankar, Kaul, V., Sharma, D., Singh, A. K., Gupta, R. K. and Abrol, D. P. 2017. *Fundamental of Entomology*. Division of Entomology. Pp65.
5. Sharma, D. and Abrol, D. P. 2017. *Practical manual in beekeeping*. Division of Entomology. Pp80.
6. *Agriculture Development in India* authored by Rohullah Amin, Jyoti Kachroo and Anil Bhat published by New India Publishing Agency, New Delhi.
7. Satish Kumar Sharma, Anil Kumar Singh and Mamta Sharma (2018): *Cytogenetics and Molecular Biology*; Published by Bioscientific Publisher, New Delhi, ISBN No. 978-93-83284-27-6.

8. Rai Gyanendra Kumar, Kumar R.R. and SreshtiBagati (2017) Nutritional Security: Vegetable and Fruits (ISBN: 978-93-86200-02-0 pages 165). Published by: Satish Serial Publishing House, New Delhi
9. Rai Gyanendra Kumar, Kumar R.R. and SreshtiBagati (2017) Abiotic tolerance mechanisms in plants (ISBN: 9789386110879 pages 356). Published by: Narendra Publishing House, New Delhi.
10. Kumar D., Chakraborty D., Brahma B., Rai G. K. and Shanti V.R. (2017) Climate Resilient Sustainable Agriculture and Animal Production (ISBN: 978-93-86546-86-9-0 pages 271). Published by: Satish Serial Publishing House, New Delhi
11. Lata, Kiran, Ali, Jhangir and Kachroo, Jyoti, (2018). Sericulture Industry: Current Status, Problems and Prospects. Published in Edited book entitled Dynamics of Socio Economic Development by Bharti Publications, New Delhi. pp 184-194.
12. Ali, Jhangir, Kachroo, Jyoti and Bafanda, R. A, (2017). Strengthening Capacity for Agribusiness Development in Jammu and Kashmir. Published in Edited book entitled Entrepreneurship, Skill Development and Rural Livelihood by Bharti Publications, New Delhi. pp 236-247.
13. Singh, S. P., Isher, A. K and Bhat, Anil, (2017). Entrepreneur and Entrepreneurship Development. Published in Edited book Skilling Strategy For Startup by Bookwell Publications, Delhi pp 287-294.
14. Isher, A. K., Kachroo, Jyoti and Singh, S. P, (2017). Soft Skills: An Essential Tool For Success . Published in Edited book Skilling Strategy For Startup by Bookwell Publications, Delhi pp 295-302.
15. Dwivedi, Sudhakar, (2017). Role of transition economy in Indian agriculture. Published in edited book Technological Innovations in Integrated Pest Management by scientific publishers, Jodhpur, India.
16. Dwivedi, Sudhakar, (2017). Project Planning and Management: An Overview. Published in Training Compendium entitled Advances in Climate Resilient Soil Management for Sustainable Hill Agriculture by Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Chatha, Jammu-180009 sponsored by ICAR, New Delhi.
17. Rakesh Kumar, Parshant Bakshi, Vijay Kumar, Sushil Sharma and V.B. Singh. Strategies for Mitigation of Climate Change by Underutilized Fruit Crops in "CLIMATE RESILIENT SUSTAINABLE AGRICULTURE AND ANIMAL PRODUCTION" by Dharendra Kumar, Dibyendu Chakraborty, Biswajit Brahma, G. K. Rai, Vibha Raj Shanti
18. Panwar, P., Kaushal, R., Gupta, S. K. and Chaturvedi, O. P. 2017. Agroforestry for Natural Resource Management. In: Agroforestry for Increased Production and Livelihood Security (Eds. Gupta, S. K., Panwar, P. & Kaushal, R.). New India Publishing Agency, New Delhi, India. pp. 73-96.
19. Radotra, S. and Gupta, S. K. 2017. Diversity, Distribution, Resource Management of Forage Resources and Agroforestry System in the Himalayas . In: Agroforestry for Increased Production and Livelihood Security (Eds. Gupta, S. K., Panwar, P. & Kaushal, R.). New India Publishing Agency, New Delhi, India. pp. 333-362.
20. Bafanda, R.A; Khandi, S. A. and Minhaj, S.U. (2017) "Meat Hygiene and Associated Health Hazards Awareness" published by LAP LAMBERT Academic Publishing, ISBN-13: 978-3659691140.
21. B. Lal, Ahamad, S. and De, D. (2016-17). Modeling in Communication behaviors of Farmers, Published by Astral International Publisher, New Delhi. ISBN: 978-93-5130-974-1
22. Brahma, B. and Kumar, D. (2017) Essential Bioinformatics and Data Mining. Satish Serial Publishing House, New Delhi. ISBN 978-93-86200-45-7.
23. Hussain, K., Sharma, N.; Zama, M.M.S.; Pathak, A.K. and Sharma, A. (2017). Zoo/Wild animals healthcare, nutrition and management. 1st Edn., Renu Publishers, New Delhi. Pages-iv + 145. ISBN: 9789385502231

24. Khan, A., Brahma, B., Konwar, D. and Kour, M. (2017) Livestock Production Management: A Practical Manual. Satish Serial Publishing House, New Delhi. ISBN 978-93-86200-53-2
25. Kumar, D., Chakraborty D, Brahma B, Rai GK and Shanti, VR (2017) Climate Resilient Sustainable Agriculture and Animal Production. New India Publishing Agency, New Delhi. ISBN 978-93-86546-86-9.
26. Kumar, D.; Chakraborty, D.; Brahma, B; Rai, G.K. and Shanti, V.R. (2017). Climate Resilient Sustainable Agriculture and Animal Production. My Research Publications, New Delhi (ISBN No.:978-93-86546-86-9)
27. Kumar, P. and Singh, A. (2018). Handbook for Poultry Entrepreneurs. Published by Biotech Books, New Delhi ISBN: 9788176224246
28. Rashid, M., Katoch, R. Sultana, M., Hussain, K. And Sharma, H.L. (2017). Zoonotic Parasites of Livestock: Diagnosis and Control. New India Publishing Agency, New Delhi-110034. ISBN No. 9789386546814
29. Roy, S., Roy, M., Sharma, N. and Sanyal, P.K. (2017). Veterinary public health-One health. 1st Edn., New Delhi Publishers, New Delhi, India. Pages- ix + 285. ISBN: 9789385503627.
30. Sharma, V.; Sharma, R.K and Sharma, N. (2017). A practical guide on techniques in microbiology and immunology. 1st Edn., New Delhi Publishers, New Delhi, India. Pages. ISBN: 9789385503542.
31. Singh, R.; Verma, P.K.; Srivastava, A.K. (2017). Padap Janit Aavishalutta Evam Rog. Published by Satish Serial Publishing House, New Delhi, India, 110033, (ISBN 9789386200693)
32. Zama, M.M.S.; Taggar, R.K.; Kumar, D.; Chakraborty, D. and Mahajan, V. (2017). Biotechnology and Bioinformatics in Animal and Veterinary Sciences. My Research Publications, New Delhi (ISBN No: 978-93-86546-87-6)