BIO-DATA

1. Name and full correspondence address: Dr Abhishek Kumar Singh

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1. Email(s) and contact number(s): [vetabhi04@gmail.com](mailto:vetabhi04@gmail.com) ; 7404370471
2. Institution: Institute of Agricultural Sciences, Banaras Hindu University
3. Date of Birth: 05/06/1985
4. Academic Qualification (Undergraduate Onwards)

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| --- | --- | --- | --- | --- | --- |
|  | Degree | Year | Subject | University/Institution | % of marks |
| 1. | BVSc & AH | 2009 | Subjects as per  VCI | Birsa Agricultural  University | 74.66 |
| 2. | MVSc | 2012 | Animal Nutrition | Indian Veterinary  Research Institute | 80.98 |
| 3. | PhD | 2018 | Animal Nutrition | National Dairy  Research Institute | 82.50 |

1. Work experience (in chronological order).

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| --- | --- | --- | --- | --- |
| S.No. | Positions held | Name of the Institute | From | To |
| 1 | Scientist-1 | National dairy  Development Board | 03/04/2017 | 18/04/2019 |
| 2 | Subject matter Specialist | Dr Rajendra Prasad Central Agricultural  University, PUSA | 25/04/2019 | 24/10/2019 |
| 3 | Assistant Professor | Banaras Hindu University | 25/10/2019 | Till Date |

1. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

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| S.No | Name of Award | Awarding Agency | Year |
| 1 | Young Science Scholar Award | Society for Bioinformatics and Biological Sciences | 2017 |
| 2 | PhD Thesis Award | Society for Agriculture Innovation and  Development , Ranchi | 2019 |

Currently running three externally funded research project as PI and Co-PI.

1. Publications *(List of papers published in SCI Journals, in year wise descending order).*

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| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Author(s) | Title | Name of Journal | Volume | Page | Year |
| 1 | A.K.Singh\*,Neelam Kewalramani, Veena Mani, Amit Sharma, Ravi Prakash Pal and Punita Kumari | Effects of boric acid supplementation on bone health in crossbred calves under tropical condition | Journal of Trace Elements in Medicine and Biology | 63 | 126647 | 2020 |
| 2 | L OJHA, S Kumar, N Kewalramani, S Sarkar, AK Singh, AK Tyagi | Effect of dietary supplementation of Lactobacillus acidophilus on blood biochemical profile, antioxidant activity and plasma immunoglobulin level in neonatal Murrah buffalo  calves | Indian Journal of Animal Sciences | 90(1) | 48-54 | 2020 |
| 3 | S. Kerketta, S Naruka, Shilpi  Verma, CP Pachauri and A K Singh | Effect of azolla as feed supplement on milk production of lactating  buffaloes at Neemuch District of Madhya Pradesh | Indian Journal of Dairy Sciences | 73(4) | 380-382 | 2020 |
| 4 | S Kerketta, SS Sarangdevot, PS Naruka, CP Pachauri, S Verma, SS Bhadauria, AK  Singh and JP Singh | Production performance comparison of lactating buffaloes on feeding of total mixed ration versus conventional feeding | Journal of Entomology and Zoology Studies | 8(4) | 1657-  1660 | 2020 |
| 5 | Punita Kumari\*, Chandramoni,  P.K. Singh and  A.K. Singh | Effect of different herbs and spices on cholesterol lowering in broiler: An  overview | Indian Journal of Poultry Science | 55(2) | 51-57 | 2020 |
| 6 | Avinash Kumar, R.  K. Verma and A. K. Singh | Effect of Exogenous Melatonin on Physiological Parameter and Estrus Occurence in Black Bengal  Goat | Indian Journal of Small Ruminant Research | 25(1) | 118-120 | 2019 |

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| --- | --- | --- | --- | --- | --- | --- |
| 7 | AK Singh, SK Rajak, Priyaranjan Kumar, Shilpi Kerketta and RK  Yogi | Nutrition and bull fertility: A review | Journal of Entomology and Zoology Studies | 6(6) | 645-653 | 2018 |
| 8 | Kumar Arvind, V B Chaturvedi, A K Singh\*, Anamika and Shilpi Kerketta. | Effect of different levels of lucerne ( Medicago sativa ) in diet on rumen fermentation and energy  metabolism of ewes | Indian Journal of Small Ruminants research. | 24(1) | 51-56 | 2018 |
| 9 | A.K. Singh\*,Shilpi Kerketta, R. K.  Yogi  , Abhay Kumar and Lamella Ojha | Prebiotics-The New Feed Supplement for Dairy Calf. | International Journal of  Livestock Research; | 7(8) | 158-165 | 2017 |
| 10 | A K Singh,, V B Chaturvedi, P Singh, A K Verma, L C Chaudhary and T Mandal | Assessment of energy metabolism and methane emission in cattle and buffaloes fed TMR diets having different concentrate  to roughage ratios | The Indian journal of animal sciences. | 84(11) | 1216-1222 | 2014 |
| 11 | Abhay Kumar , Keshab Das ,K. Mukherjee, A. Bharti , and A.K. Singh | Frequency of different shell colour and its effect on the fertility and hatchability in Black rock, Grampriya and Vanraja breeds of chicken | Veterinary world. | 5(10) | 594-598 | 2012 |

1. Detail of patents.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.No | Patent Title | Name of Applicant(s) | Patent No. | Award Date | Agency/Country | Status |
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1. Books/Reports/Chapters/General articles etc.

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| S.No | Title | Author’s Name | Publisher | Year of Publication |
| 1 | Open Circuit Respiration Calorimetry in Animal Nutrition  Research. | V B Chaturvedi, H C Singh, Abhishek Kumar Singh | CAFT; IVRI | 2015; 156-158 |
| 2 | Efficiency of Energy Utilization in Cattle | A K Singh, R K Yogi, S K Rajak | NDRI, Karnal Compendium. 189-  193 | (24-25 September;2014) |
| 3 | Osteoarthritis in canines | R K Yogi, Amit S, Sachin  K and A K Singh | (2015) 48-52 | Creature Companion |
| 4 | Pasture Development | P S D Minz,A K Singh, S | (2014), 1 (7):503- | Indian Farmer |

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|  | and Animal  Sustainability | K Razak, R K Yogi | 507 |  |
| 5 | Desi Cow- Pride of India. | A P Singh, Ashwani  Arya, M A Mir, R K Yogi, A K Singh | May 2015, Vol.-4,  Issue-12, Page-38- 39 | Livestock Technology. |
| 6 | Nutrition and lameness in cattle | R K Yogi,A P Singh, A K Singh, Ashwani Arya, , K S Rehpade,A S Godara,  M A Mir | May 2015, Vol.-4,  Issue-12, Page-8 | Livestock Technology. |
| 7 | Traits of economic importance in poultry | M A Mir, A P Singh, B A Malla, H Tariq, Ashwani Arya, R K Yogi, A K  Singh | May 2015, Vol.-10,  Issue-1, Page-40-42 | Poultry Technology. |
| 9 | Chick Grading. | M A Mir, A P Singh, , Ashwani Arya, R K Yogi, A K Singh, B A Malla, H  Tariq | May 2015, Vol.-10,  Issue-1, Page-90 | Poultry Technology. |
| 10 | Looking towards  Indigenous cows for healthy milk | A K Singh, R K Yogi, S K Razak and M Singh | September 2014, 7th national seminar | NDRI Karnal |
| 11 | Obesity in dogs the  onus lies on you | R K Yogi, K S Rehpade,  A K Singh, A P Singh | April 2015, Vol.-8,  Issue-4, Page-32-35 | Creature Companion. |
| 12 | Standard of Air Pollutant in realtion to  animal production | S K Razak, A K Singh, U K Tripathi, P S D Minz, R  K Singh | 2014:1(7): 514-525 | Indian Farmer |
| 13 | Effect of probiotic  feeding on animal health and production | S K Razak, A K Singh, U  K Tripathi, P S D Minz, R K Singh | 2015: 2 (2): 78-82 | Indian Farmer |
| 14 | Feeding Management  of Geristric Dogs | R K Yogi, A K Singh,  Preeti, K S Rehpade | December,2015 | Creature companion |
| 15 | Bioavailability and Antagonism of trace elements in animal  nutrition. | R K Yogi, A K Singh, SS Kullu | May,2015 | Livestock Line |
| 16 | Alopecia in Dogs and its Management | Dr. Abhishek Kumar Singh | 2016-07-23 | Biotech Articles (https://www.biotecharticles  .com/) |