

BIO – DATA OF DR. AJAY KUMAR UPADHYAY

Name : **Dr. A.K. Upadhyay**

Father's name : Late Sri R.C. Upadhyay

Address : Professor,
Vet. Public Health & Epidemiology
College of Veterinary & Animal Sciences,
G.B. Pant University of Agri. & Tech.,
Pantnagar - 263 145, Uttarakhand. (India)

Permanent Address : 653/137E/1A, Rajroop Pur
Allahabad-211011

Fax : 05944-233473

Date of Birth : 08-07-1964

Sex : Male

Marital status : Married

Category : General

Nationality : Indian

No. of dependants : Wife + two children



Pay Matrix

Pay Level 14

Educational Qualifications:

Name of degree	Name of Institution	Year of Passing	Remark
High School	U.P. Board of Education	1979	FIRST
Intermediate	U.P. Board of Education	1981	Distinction in Physics, Chemistry & Biology
B. V. Sc. & A.H.	G.B.P.U.A.&T., Pantnagar	1986	Honours
M. V. Sc.	I.V.R.I., Izatnagar	1988	Veterinary Medicine
Ph. D.	G.B.P.U.A.&T., Pantnagar	2000	Veterinary Medicine

Professional Experiences

1. June 16, 1989 to January 10, 1990, Technical Extension Officer for Vet. Medicine at I.V.R.I., Izatnagar, Bareilly.
2. January 12, 1990 to December 2, 1991, Incharge, Veterinary Officer and Senior Research Assistant for progeny testing at Stage Livestock Farm, Chakganjaria, Lucknow.
3. December 3, 1991 to Nov. 12, 2001, Assistant Professor, College of Vet. & Ani. Sciences, G.B. Pant University of Agriculture and Technology, Pantnagar.
4. Nov 13, 2001 to December 02, 2008, Associate Professor, Vet. Epidemiology & Preventive Medicine, College of Vet. Sciences. G. B. Pant University of Agriculture and Technology, Pantnagar.

5. December 03, 2008 to till date, Professor, Veterinary Public Health and Epidemiology, College of Vet. Sciences. G. B. Pant University of Agriculture and Technology, Pantnagar.

Administrative Experiences: Seven administrative posts handled

Sl. No.	Duration	Post
1.	02.04.18-07.02.19	Coordinator Test and Selection, GBPUA & T
2.	09.03.18-07.02.19	Establishment Officer, GBPUA & T
3.	13.01.12- till date	Head, Vet. Public Health & Epidemiology
4.	2007 - 08	Estate officer of GBPUA & T
5.	2005 - 08	Programme Coordinator, N.S.S. of GBPUA & T
6.	1997- 2000	Asstt. Warden, CB-II Hostel of GBPUA & T

Experiences	Teaching	U.G.	more than 32 years
		P.G.	more than 31years
	As Professor		More than 14 years
	Research		more than 32 years
	Extension		more than 32 years

Major Field of Specialization

1. Veterinary Public Health & Epidemiology

Editorial Experience

1. Chief Editor of newly launched Animal wellbeing oriented magazine 'Pashu Patrika' since June, 2021. Link: www.pashupatrica.com
2. Subject Editor of Pantnagar Journal of Research since 2019
3. Editor of Compendium of Symposium and III National Conference of Society for Veterinary & Animal Husbandry Extension held during April 03- April 05, 2019.
4. Editor of Compendium of Symposium and XIII National Conference of Association of Public Health held during November 30-December 01, 2018.
5. Editor of Compendium of Symposium on 'The roll of the Veterinary Profession in Sustainable Development to Improve Livelihoods, Food Security and Safety during April 28-29, 2018.
6. In editorial board of Indian Journal of Veterinary Public Health since 2017.
7. In editorial board of Virology & Immunology Journal since 2017.
8. Editor of Souvenir & Compendium of Symposium of ISACP during February 09-11, 2017.
9. Associate Editor of Farmer's Digest since July, 2016.
10. Associate Editor of Kisan Bharti since July, 2016.
11. In Editorial board of The Research Journal of Devbhoomi from 2010-2013.
12. Assisted in Editorial work of Compendium of Global Meet on Veterinary Public Health & Symposium of ISACP held at Lucknow from November 19 – 21, 2008.
13. Associate Editor of Indian journal of Field Veterinarian from 2006-2012.
14. Sub-Editor of 'The Indian cow' from 2002-2005.

Membership of societies

1. Life member of “Indian Society for Veterinary Medicine”.
2. Life member of “Society of Toxicology”.
2. Life member of “Society of Immunology and Immunopathology”.
3. Life member of “Society for Zoo and Wild Animal Veterinarian”.
4. Life member of “Association of Public Health Specialist”
5. Life member of “Association of Public Health Veterinarian”
6. Life member of “Academy of Sciences for Animal Welfare”
7. Life member of “Indian Science Congress Association”
8. Life member of “Indian Society for Advancement of Canine Practice”
9. Life member of “Pantnagar Alumni Association”
10. Life member of “Veterinary Alumni Society of Pantnagar”
11. Life member of “Indian Society for the Study of Animal Reproduction”
12. Life member of “Indian Red cross Society”
13. Life member of “The Academy of Environmental Biology”
14. Life Member for “Asian Agriculture History Foundation”

Patents**Two patents**

1. No. 201911044571 dt. 04.11.2019
2. No. 202011045796 dt 21.10.2020

Research experience

1. PI of ICAR funded, just sanctioned “All India Network Programme on One Health approach to Zoonotic Diseases with special reference to Cystocercosis and Rabies.
2. Co- Project Investigator of ICAR funded project on “Sustainable livelihood and economic empowerment of tribal families of Uttarakhand through backyard poultry farming” under Tribal Sub Plan (TSP) since 14.10.2023 to till date.
3. Co- Project Investigator of ICAR funded project on “Training to farmers/unemployed youth on clean milk production and processing of dairy products for socioeconomic upliftment of schedule caste rural farmers of Uttarakhand (Training of target group)” under Schedule Caste Sub Plan (SC- SP) since 22.09.2023 to till date.
4. Co- Project Investigator of Agriculture and Processed Food Products Export Development Authority, Ministry of Commerce and Industry, Government of India funded project on “Export Standard, Guidelines and Promotion for Natural Agriculture Products” since 02.02.2022 to till date.
5. Co- Project Investigator of UNDP funded project on “Establishing One Health Workforce to Prevent, Detect, And Respond to Emerging Health Threats” since September 2021 to June 2022.
6. Co- Project Investigator of UNDP funded project on “Green Recovery Pathway for India: Transitioning towards a green and resilient COVID-19 recovery - under Rapid Financing Facility” since September 2021 to June 2022.
7. Nodal Officer of World Bank Funded Project bestowed to G B Pant University of Agriculture and Technology on “AI activity under NAHEP component 2:- Livestock Diseases since 2020.

8. Collaborator of World Bank Funded Project bestowed to G B Pant University of Agriculture and Technology on "Institutional Development Project-National Agricultural Education Project, Component-I" since 2019.
9. Principal Investigator of ICAR funded project "Outreach programme on zoonotic diseases in XI and XII five year plans" from 2011 to 2020.
10. Principal Investigator of ICAR funded project "Dairy Microbes under the scheme entitled Veterinary type culture in XI five year plans" from 2011 - 2017.
11. Principal investigator of WHO owned project "Monitoring the antimicrobial resistance profile of bacterial food borne pathogen in humans, food animals and retail meat in India" from 2013 till 2020.
12. Principal Investigator of University funded project "Studies in infectious diseases of domestic animals" from 2004 to 2008.
13. Principal Investigator of ICAR funded project "Development of herbal formulations for treatment and prevention of fasciolosis in livestock of Uttaranchal" from 2004 to 2007.
14. Principal Investigator of University funded project, 'Epidemiological studies on infectious diseases of domestic animals of Tarai Area from 2000 to 2004.
15. Principal Investigator of University funded project "Therapeutic use of homeopathy in clinical cases of reproductive, metabolic and musculo-skeletal disorders in animals" from 2001 to 2002.
16. Co-team member of NATP sponsored "Agricultural Technology Information Center" from 2000-2003.
17. Co-investigator of Uttar Pradesh DASP project "Studies on macro and micronutrients in relation to deficiency diseases and production in animals" from 1/9/99 to 31/8/2002.
18. Co-investigator of NATP sponsored "Technology assessment and refinement through institution village linkage programme" from 2000-2003
19. Ph.D. Thesis research on "Studies on prevalence, immunodiagnosis and herbal therapy of bovine Fasciolosis".
20. Principal Investigator of university funded project "Homoeopathy: an alternative therapy for effective cure in mastitis". 1994-1996
21. Project Leader of 'Progeny Testing Scheme at Chakgangariya Farm, Lucknow.
22. M. V. Sc. Thesis research on "Studies on clinico-pathogenesis and chemoprophylaxis in experimental lead poisoning in calves".

Students Guided

1. Three Ph. D. and, 18 M. V. Sc. Students guided.
2. One Ph. D. and two M. V. Sc. students are under guidance.
3. Besides, I have been a member of advisory committee of 16 Ph. D. students and 46 M. V. Sc. Students.

Scholarships and awards

1. **Fellow of Indian Society for Advancement of canine Practice, 2024.**
2. **Appreciation Award (2019)** of Indian Society for Advancement of Canine Practice.
3. **Best Paper Award (2019)** for paper 'Prevalence and Antibigram of Verocytotoxic E. coli (VTEC) Obtained from Meat Samples of different food animals authored by Singh, V. P., Upadhyay, A. K., Nagpalm A., Sharma, H., Shivekumar, V. and Sing, P. during National Conference on Challenges and Opportunities for Tracking Veterinary Public Health Issues at the Human, Animal and Environmental Interface

and XVI Annual Symposium of IAVPHS held at Nagpur during November 26th – 27th, 2019.

4. **Young Scientist award (2018).** On paper entitled ‘Study the growth capacity of Campylobacter bacteria using goat blood instead sheep or blood’ by Bisht, P., Patwal, P. C., Ansari, M. O., Maansi, Upadhyay A. K. in Symposium and XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018.
5. **Best oral presentation (2018).** On paper entitled ‘Molecular characterization and antimicrobial susceptibility of thermophilic Campylobacters isolated from humans, farm and laboratory animals’ by Rawat, N., Maansi, Saini, S., **Upadhyay, A. K.**, Dhayananth B. and Hussain, S. in Symposium and XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018.
6. **Best Poster presentation (2018).** On paper entitled ‘Characteristics and survival of *Clostridium perfringens* in cooked meat’ by Bankoti, R., Parveen, S., Maansi and **Upadhyay, A. K.** in Symposium and XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018.
7. **Best Poster presentation (2018).** On paper entitled ‘One Health approach for emerging zoonotic diseases mitigating public health risk’ by Nagpal, A., Singh, P., Maansi, **Upadhyay, A. K.** and Yadav R. in Symposium and XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018.
8. **Best Poster presentation (2018).** On paper entitled ‘Aflatoxins: A threat to public health’ by Sharma, H., Jadhav, V. J., Maansi, Thakur S. and A.K. **Upadhyay, A. K.** in Symposium and XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018.
9. **Best Research Paper presented** Award for the paper presented during Annual convention of LASAICON 2018 and National Symposium on “New Paradigm in Veterinary Medicine Research and Management of Laboratory and Farm Animals: Scientific Ethical and Welfare prospective held at Lucknow during April 28 to 29, 2018 on paper entitled ‘Prevalence, Virulence, Typing and Antibigram study of thermophilic Campylobacters Isolated from Animals, Humans and Laboratory animals.
10. **Best Research Paper presented** awards for the papers presented in three different sessions during first convention and National Symposium entitled ‘One Health Initiative to Foster Intersectoral Collaboration for Human and Animal Health’ held at the eve of **Shalihotra Jayanti** or World Veterinary day from April 26 to 28, 2016.
11. **Best Research Paper presented** Award for the paper presented during 34th Annual convention of Indian Society for Veterinary Medicine and National Symposium on “Newer approach in diagnosis and management of Animal Diseases for sustainable Health and Production” held at GADVASU, Ludhiana during Feb. 17 to 19, 2016.

12. **Best Research Paper Published** in Indian Journal of Veterinary Medicine for the year 2012.
13. **Best Research Paper presented'** Award for the paper presented during 28th Annual convention of Indian Society for Veterinary Medicine and National Symposium on "Recent developments in diagnostic and therapeutic approaches for economically important diseases of livestock & companion animals" held at C. V. Sc., Hyderabad during Feb. 17 to 19, 2010.
14. **Young Scientist Award of ISACP 2009.**
15. **Commonwealth Youth Silver Medal-2007-08** For the Project on Conservation of Mountain Eco-System Under Planet Earth Programme
16. **Fellow of Academy of Sciences for Animal Welfare in the year 2002**
17. **Best Research Paper presented** Award for the paper presented during fifth Annual convention of Indian Society for Advancement of Canine Practice and SARC nations conference "Changing Horizon in Companion Animal Health Care – Evolving Strategies with Global Perspective" held at Chennai during Feb. 7 to 9, 2008.
18. Appreciation award by '**Rotary Club**' for the **year 2005**
19. **State level** appreciation award by **NSS** for the **year 2005**
20. **I.C.A.R., J.R.F.** during M.V.Sc.
21. Obtained **Honours** during Programme.
22. I.C.A.R Merit scholarship during B.V.Sc. & A.H degree Programme.
23. Obtained **university merit certificate** in the year 1982-83 during B.V.Sc. & A.H. degree Programme.
24. **Distinction** in Physics, Chemistry and Biology in Intermediate.
25. **Merit scholarship** during Intermediate.
26. **Akikrit chhatravritty** during High School.

Other activities

1. Member of Academic Council of I.V.R.I. during 1987-88.
2. President of I.V.R.I. student union during post graduation.
3. Co-coordinator of Pashudhan, a monthly journal in English from 1998 to 2003.
4. Represented Head Deptt. of Medicine in various culling and auction committees for university Livestock Research Centre.
5. Asstt. Warden, CB-II hostels from 1997-2000.
6. I have given expert lectures on several social aspects in university talk AID program of N.S.S. run by our university chapter.
7. Working as Expert of Veterinary Sciences in help line of Agricultural Technology Information Center, GBPUA&T.
8. Giving monthly radio talks at Rampur Radio Station on Animal Health related topics.
9. Member of several organizing committees of conferences & seminars being held at University.
10. Programme officer National Services scheme, College of Veterinary Sciences from 2001-2005
11. Associate of Academy of Sciences for Animal Welfare.
12. Staff counselor of Indoor games club during 2002-03.
13. Staff counselor of cricket club during 2003-2005

14. Staff counselor of Veterinary Society during 2004-2005
15. Programme coordinator, National Services scheme of G.B. Pant university of Ag. & Tech from 2005-2009.
16. Staff counselor of Basketball club from 2005-2008.
17. Treasurer Rotary Club, Pantnagar since July 2007-08.
18. State Officer of the G. B. Pant University of Agri. & Tech, Pantnagar from 13.12.2007 to 07.11.2008.
19. President of 'Srijan Sanskritik Samity', an NGO since 2008.
20. Staff Counselor of CHETNA an NGO since 2007.
21. Secretary of Rotary Club, Pantnagar for the year 2011-2012 and 2012-2013.
22. Secretary of Blue Cross Society since 2012 till date.
23. Secretary of Indian Red Cross Society, Pantnagar for the year 2012-2015.
24. Head/In-charge of Department of Public health and epidemiology since 2011-2013.
25. Staff counselor PG Society since 2014.
26. Vice President of Campus School Management Committee during 2014-2018.
27. Vice President of Association of Public Health Veterinarian since 2017.
28. Establishment Officer of G. B. Pant University of Agriculture and Technology, Pantnagar from 09.03.2018 - 07.02.2019.
29. Head of Department of Public health and epidemiology since 31.03.2018.
30. Coordinator Test & Selection, G. B. Pant University of Agriculture and Technology, Pantnagar since 02.04.2018 - 07.02.2019.
31. President of Uttarakhand Chapter of Indian Society of Veterinary Medicine since 2018.
32. Manager of Campus School Management Committee since 01.04. 18-01.07.19.

Advanced/ Special trainings/workshops

1. Participated in 3 weeks (2 weeks at University of Hyderabad and 1 week at Monash University, Australia) Leadership for Academicians Programme (LEAP) from 11.02.2019 to 04.03.2019 sponsored by Ministry of Human Resources Development to inculcate leadership qualities among future academic leaders.
2. Workshop on "Innovation in Traditional Agriculture for Sustaining Humanity" organized by Uttarakhand chapter of Asian Agri-History foundation, held at G. B. Pant University of Agriculture and Technology, Pantnagar from 29.08.2017 to 30.08.2017.
3. A WHO Sponsored workshop on "Monitoring the Antimicrobial Resistance Profile of Bacterial Food-borne Pathogens in Humans, Food Animals and Retail Meat in India" at Chandigarh PGI during April 25-26, 2017.
4. Workshop on "Effective teaching skills" held at G. B. Pant University of Agriculture and Technology, Pantnagar from 14.07.2014 to 20.07.2014.
5. International workshop on "Bio-security and public health challenges in veterinary hospitals in India- Bridging the gap between human and animal health: An Indo-US workshop" held at College of Veterinary Sciences, Rajendranagar, Sri Venkateswara Veterinary University, Hyderabad-5000030 in collaboration with Colorado State University, USA from 05.03.2012 to 08.03.2012.

6. Workshop on “Effective Teaching Pedagogy to Maximize Learning” held at G. B. Pant University of Agriculture and Technology, Pantnagar in collaboration with University of Illinois at Urbana Champaign, USA from 02.01.2008 to 03.01.2008.
7. Workshop on “Water Conservation and Management” held at G. B. Pant University of Agriculture and Technology, Pantnagar on 30.11.2007.
8. Attended Zonal workshop of Functionaries on Disaster Management organized by Ministry of Youth Affairs & Sports, Government of India in association with Ministry of Youth Affairs & Sports, Government of Uttarakhand at Dehradun from 23.02.2006 to 24.02.2006.
9. Attended NSS refresher programme organized by Training and orientation Center, Literacy House, Lucknow from 26.12.2005 to 30.12.2005.
10. Attended training on “Extension Methodology” organized by C. C. S. H.A. U., Extension Education Institute, Nilokheri (Haryana) held at Directorate of Extension Education G.B.P.U.A. & T., Pantnagar from 14/7/2003 to 19/7/2003.
11. Workshop on “Role of Pack Animals in Economy Development of Uttaranchal Hills” held at G. B. Pant University of Agriculture and Technology, Pantnagar on September 21st, 2002.
12. Workshop in “Holistic Approaches to Wild Life Health, Management and Conservation in Uttaranchal” held at G. B. Pant University of Agriculture and Technology, Pantnagar from May 3rd – 4th, 2002.
13. Special training on “Saras Sanskrit Sambhasan” held in College of Basic Sciences & Humanities, G. B. Pant University of Agriculture and Technology, Pantnagar from March 11th to April 10th, 2002.
14. Workshop cum training on “IPR Related Issues in WTO” held at G. B. Pant University of Agriculture and Technology, Pantnagar from March 22nd to 23rd 2002.
15. Rastriya Vagyanic Shabdavali Avog sponsored workshop on “Availability of standard books in Hindi” held during March 20 – 21, 2002 at G. B. Pant University of Agriculture and Technology, Pantnagar.
16. UTDASP sponsored training on “Strategies on Sustainable Dairy Development in Uttaranchal” held from March 13-14, 2002 at college of veterinary sciences, Pantnagar.
17. Training on “Data Storage and statistical analysis for Agricultural Research” Held in Dept. of Mathematics Computer Sciences. College of Basic Sciences and Humanities from Feb. 2nd-22nd, 2002.
18. UPDASP sponsored training on “Recent Advances in Livestock Development and their Implications.” held during March 24 – 25, 2002 at College of Veterinary & Animal Sciences, Pantnagar.
19. On “Conservation and Management of Genetic Resources of Livestock” organized by National Academy of Agricultural Sciences, held at College of Veterinary & Animal Sciences, Pantnagar from Feb. 21-23, 2000.
20. ICAR sponsored training on “Agricultural Entrepreneurships Development” held at Center for agricultural Technology Assessment and Transfer, ICAR, New Delhi from December 27, 1999 to Jan. 3, 2000.
21. D.B.T. sponsored training course on “Immunopathology: Modern Trends in Diagnosis and Control” held from December 09 to 30, 2000 at Deptt. of Pathology, College of Vet. & Ani. Sciences, Pantnagar.

22. Attended Summer Course on “Exploitation of Biomolecules of Pathogens for Immunodiagnosis and Immuno-prophylaxis” held in Deptt. of Vet. Microbiology, College of Vet. & Ani. Science, Pantnagar from June 16 to July 6, 1997.
23. One year internship training during 1985-86 of B.V.Sc. & A.H. degree programme.

Lead papers presented in International Congress

1. **Upadhyay, A.K.** (2023). Impact of Climate Change on Zoonoses” in APHV - AVPHN Congress held at Kathmandu, Nepal from September 29 to 30, 2023.
2. **Upadhyay, A. K.** (2018). “Heavy Metals and dog health.” in International Symposium on “Emerging Issues, Innovative Techniques and Comprehensive Overview of Research Developments in Canine Practice” of XV ISACP Congress, held at NTR College of Veterinary Sciences, Gannavaram, AP, from February 07 to 09, 2018.
3. **Upadhyay, A.K.** and Prasanna K. V. (2014). “Fish Borne Parasitic Zoonoses” in Seminar on ‘Global Biodiversity Meet on Parasitic and Aquatic Ecosystem Health’ during International Satellite Workshop on Biotechnological Approaches for Environmental Sustenance held at Department of Zoology, Allahabad Central University, Allahabad from Dec. 12 to 15, 2014.
4. **Upadhyay, A.K.** (2014). Impact of Climate Change on Disease Epidemiology” in Tropical Ecology Congress on ‘Tropical Ecosystem in a Changing World’ held at JNU, New Delhi from Dec. 10 to 12, 2014.
5. **Upadhyay, A. K.**, Singh A. G. and Maansi (2013) ‘PCR based detection and *in silico* analysis of virulent genes of pathogenic isolates of *Escherichia coli*’ In 100th International Symposium of Indian Science Conference, being held at Kolkatta from Jan. 3rd to 7th, 2013.
6. **Upadhyay, A.K.** (2012). Occurrence of zoonotic diseases in a rural community during 18th International congress of Rural Health and Medicine organized by International Association of Rural Health and Medicine, held at Goa from December 10 to 12, 2012.
7. **Upadhyay, A.K.** (2010). Comparison of Homeopathy and Ayurvedic Medicine in Anestrous during seminar on “Biotechnologies for optimization of reproductive efficacy of farm & companion animals to improve global security & human health’ and 26th annual convention of held at Pantnagar from November 10 to 12, 2010.
8. **Upadhyay, A.K.** (2008). Prevalence of skin affections in canine of Pantnagar during seminar on “Changing Horizon in Companion Animal Health Care – Evolving Strategies with Global Perspective’ and fifth annual convention of Indian Society for Advancement of Canine Practice held at Chennai from Feb. 7 to 9, 2008.
9. **Upadhyay, A.K.** (2008). Homeopathic management of mastitis in canine during seminar on “Changing Horizon in Companion Animal Health Care – Evolving Strategies with Global Perspective’ and fifth annual convention of Indian Society for Advancement of Canine Practice held at Chennai from Feb. 7 to 9, 2008.
10. **Upadhyay, A.K.** and Bhatt, M. K., (2002). Comparative studies on production parameters of crossbred indigenous poultry production system, held at New Delhi from September 23rd to 27th, 2002.

Lead Papers presented in National conferences of scientific societies

1. **Upadhyay, A. K.** (2023). Emerging and Remerging Zoonoses through Dogs and Cats in XIX ISACP Congress, held at Anjora, Durg, Chhattisgarh from April 20 to 22, 2023.
2. **Upadhyay, A. K.** (2023). Management of mastitis through various system of treatments in ISVM Congress, held at College of Veterinary Sciences, Pantnagar, on February 24, 2023.
3. **Upadhyay, A. K.,** Maansi, Singh, P., Pathak, A. P. and Nagpal, A. (2020). ‘Salmonellosis: Still an important food borne zoonoses’ in 38th National Symposium on “Advances in Veterinary Medicine in Mitigating Challenges to Animal Health” of ISVM, held at Bangaluru, karnatka from Feb. 05th to 07th, 2020.
4. Srivastva, A. K., Singh, P., **Upadhyay, A. K.,** Maansi and Saini, S. (2018). Antimicrobial Resistance: Threat for Health. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinry public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-113-116.
5. **Upadhyay, A. K.,** Saini, S. Maansi, Dhayanath, B. and Hussain, S. (2018). Nipha Virus infection: An Impanding Pandemic threat. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinry public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-105-108.
6. Maansi, Sheeba Hussain **A. K. Upadhyay,** Shubham Saini and Dhayananth B. (2018). Globally Emerging Salmonella serovars in Poultry. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinry public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-96-100.
7. **Upadhyay, A. K.,** Aastha Nagpal, Maansi and Niddhi Arora (2018). Animal Welfare – A significant issue. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinry public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-91-95.
8. Vijay J. Jadhav, Himani Sharma, Maansi and **A .K. Upadhyay** (2018). Aflatoxins: The threat of global concern. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinry public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-85-87.
9. Stuti Vatsya, Deepesh Sharma and **A. K. Upadhyay** (2018). Emerging and re-emerging parasitic diseases: causes and prevention strategies. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-33-38.
10. Kumar A. Kumar, M. S., Dhanze, H., **Upadhyay, A. K.** and Sivakumar V. (2018). Veterinary Public Health in India: Challenges and Opportunities. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-04-07.
11. **Upadhyay A. K.** (2018). Milk Quality and Public Health. National Symposium on Milk Production, Quality and Public Health held at College of Veterinary and

Animal Sciences. G. B. Pant University of Agriculture and Technology, Pantnagar on 01.06.2018.

12. **Upadhyay, A. K.** (2018). "Heavy Metals and dog health." in International Symposium on "Emerging Issues, Innovative Techniques and Comprehensive Overview of Research Developments in Canine Practice" of XV ISACP Congress, held at NTR College of Veterinary sciences, Gannavaram, AP, from February 07 to 09, 2018 from February 07 to 09, 2018
13. **Upadhyay, A. K.** and Maansi (2017). Emerging and re-emerging infections of public health significance. In Veterinary Public Health: One Health. Published by New Delhi Publishers. New Delhi. PP- 117-136.
14. **Upadhyay, A. K.** (2015). "Food poisonings in Dogs." in National Symposium on "Challenges in Diagnosis and Management of Emerging Diseases of Canine" of X III ISACP Congress, held at Allahabad, from June. 17 th to 19 th, 2015.
15. **Upadhyay, A. K.** (2015). "Climate change and disease epidemiology." in National Symposium on "New Dimensions in Veterinary Medicine: Technological Advances, One Health Concept and Animal Welfare Concerns" of ISVM, held at Phookode, Kerala from Jan. 22nd to 24th, 2015.
16. **Upadhyay, A.K.** and Prasanna K. V. (2014). "Fish Borne Parasitic Zoonoses" in Seminar on 'Global Biodiversity Meet on Parasitic and Aquatic Ecosystem Health' during International Satellite Workshop on Biotechnological Approaches for Environmental Sustenance held at Department of Zoology, Allahabad Central University, Allahabad from Dec. 12 to 15, 2014.
17. **Upadhyay, A.K.** (2014). Impact of Climate Change on Disease Epidemiology" in Tropical Ecology Congress on 'Tropical Ecosystem in a Changing World' held at JNU, New Delhi from Dec. 10 to 12, 2014.
18. **Upadhyay, A. K.** (2014). Public health importance in pet keeping; in National Symposium on "Strategy for Canine Health care with Focus on Zoonotic Diseases" and 11th annual conference of Indian society for Advancement of Canine Practice at Patna from February 10 to 12, 2014.
19. **Upadhyay, A. K.** (2014). Environmental hygiene and biohazards; in National Symposium on "One health: Harnessing Biotechnology for Addressing Veterinary and Biomedical Concern on Food Safety, Zoonoses and Environmental Sustainability 12th annual conference of Indian association of veterinary public health specialist held at Guwahati from February 4 to 5, 2014.

Papers presented in annual conferences of scientific societies

1. **Upadhyay, A.K.** and Swarup, D. (1992). Changes in the health and behavior of cow calves at different level of lead in the blood; in XI Annual Conference of Society for Toxicologist (STOX) held on Nov. 25-26, 1992 at Anand, Gujarat, India.
2. **Upadhyay, A.K.** and Swarup, D. (1993). Comparative efficacy of sulfate and thiamine hydrochloride in experimentally induced lead toxicosis; in XII Annual Conference of STOX held on Nov. 8-9, 1993 at Ludhiana, Punjab, India.
3. **Upadhyay, A.K.** and Swarup, D. (1994). Some diagnostic measures in chronic lead poisoning in calves in Veterinary Medicine held on Feb. 4-6, 1994 at Madras Veterinary College, Madras, India.

4. **Upadhyay, A.K.** (1995). Homoeopathy in management of bovine mastitis; in XIII Annual Convention of ISVM, held from April, 7-9, 1995 at college of Veterinary Sciences. Palampur, Himanchal Pradesh.
5. **Upadhyay, A.K.** (1995). Use of herbal preparations in clinical diarrhoea. In XIII Annual Convention of Veterinary Sciences. Palampur, Himanchal Pradesh.
6. **Upadhyay, A.K.** (1995). A herbal medicine to increase milk production. In XIII Annual Convention of ISVM, held from April 7-9, 1995 at college of Veterinary Sciences. Palampur, Himanchal Pradesh.
7. **Upadhyay, A.K.** and Sharma, S.P. (1997). Homoeopathic treatment of Bovine Mastitis in XV convention of ISVM held from Feb. 20-22, 1997 at Vet. College of UAS, Bangalore.
8. **Upadhyay, A. K.** and Kumar, Mahesh (2002). Prevalence of bovine fasciolosis at Tarai of Uttaranchal and Uttar Pradesh. In XV Annual Convention and National Symposium on "Advances in diagnosis and therapeutic measures of diseases of ruminants" of ISVM, held at Bikaner Veterinary College, Bikaner, Rajasthan from Feb. 14th to 16th, 2002.
9. **Upadhyay, A. K.** (2002). Hemato- biochemical and immunological studies in experimental bovine fasciolosis. In XV Annual Convention and National Symposium on "Advances in diagnosis and therapeutic measures of diseases of ruminants" of ISVM, held at Bikaner Veterinary College, Bikaner, Rajasthan from Feb. 14th to 16th, 2002.
10. Rakesh Shukla and **Upadhyay, A. K.** (2002). Veterinary health practices in villages around Pantnagar. In First symposium of Indian Association of Veterinary Public health Specialist, held at College of veterinary Sciences, Pantnagar from Nov. 28th to 29th, 2002.
11. **Upadhyay, A. K.**, Dwivedi, H. P. Kumar Rakesh, Singh Saurabh and Kumar M (2004) 'Epidemiology of skin infections in dogs at Pantnagar' In XXII Annual Convention and National Symposium on "Latest approaches and biotechnological tools for health management of farm and companion animals" of ISVM, held at IVRI, Izatnagar, Bareilly from Feb. 11th to 13th, 2004.
12. **Upadhyay, A. K.**, Kumar Rakesh and Kumar M (2004) 'Immunodiagnostics in experimental fasciolosis' In XXII Annual Convention and National Symposium on "Latest approaches and biotechnological tools for health management of farm and companion animals" of ISVM, held at IVRI, Izatnagar, Bareilly from Feb. 11th to 13th, 2004.
13. Singh, Y. P. Narayan, R., Tripathi, A. K., **Upadhyay, A. K.**, and Dixit, V. P. (2007) 'Impact of metabolic diseases on dairy economics' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
14. Shukla, S., Tiwari, D. P., **Upadhyay, A. K.**, and Gangwar, P. (2007) 'Blood mineral profile of animals in Pithoragarh district of Uttaranchal' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
15. Shukla, S., Tiwari, D. P., **Upadhyay, A. K.**, and Gangwar, P. (2007) 'A study on reproductive status of cattle and buffaloes in Pithoragarh district of Uttaranchal' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.

16. Gangwar, N., **Upadhyay, A. K.**, Singh, K. P., Gangwar, P. and Chaudhary, S. (2007) 'Management of haematuria in non-descript Indigenous cattle' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
17. Ganguli, B., and **Upadhyay, A. K.**, (2007) 'The need for quality assurance in veterinary practice' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
18. Rajput, M. K. S., Kumar, M, **Upadhyay, A. K.**, Singh, J. L., Kumar, S. and Gangwar, P. (2007) 'Evaluation of anthelmintic efficacies of *Embelia ribes* seeds extract against *Haemonchus contortus*.' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
19. Rajput, M. K. S., Kumar, M, **Upadhyay, A. K.**, Singh, J. L., Gangwar, P. and Sanjukta, R. K., (2007) 'Incidence of common diseases of animals at and around Pantnagar' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
20. Gangwar, P. **Upadhyay, A. K.**, Parihar, G. S., Rajput, M. K. S., Gangwar, N. K. and Sukla, S. (2007) '*In vitro* anthelmintic activities of indigenous medicinal plants against *Fasciola gigantica*.' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
21. Rajput, M. K. S., Kumar, M, **Upadhyay, A. K.**, Kumar, R and Kumar, S. (2007) 'Incidence of common diseases of animals at and around Pantnagar' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
22. Singh, Y. P. Narayan, R., Joshi, N., **Upadhyay, A. K.**, and Singh, S. P. (2007) 'Assessment of *Staphylococcus aureus* load in meat samples of different species in district U. S. Nagar (Uttarakhand)' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
23. Rajput, M. K. S., Kumar, M, **Upadhyay, A. K.**, Kumar, R. and Parihar, G. S. (2007) 'Anthelmintic efficacy of *Vermonia anthelmintica* seeds extracts against *Haemonchus contortus*' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
24. **Upadhyay, A. K.**, Chaudhary, A., Gangwar, P. Rajput, M. K. S. and Sanjukta, R. K., (2007) 'Incidence of common diseases of animals at and around Pantnagar' In XXIV Annual Convention and National Symposium of ISVM, held at G. B. Pant University of Agri. & Tech., Pantnagar from Feb. 26 to 28, 2007.
25. Rajput M.K.S, Kumar Mahesh, **Upadhyay, A.K.**, Singh, Nidhi, Gangwar, Pritee. 2008. Anar (*Punica granatum*) leaves: An Anti - Diarrhoeal. XXVI Annual Convention of ISVM and National Symposium on "Emerging challenges and strategy for disease health management of livestock, pet and zoo animals". Feb. 26-28, Birsha Agriculture University, Ranchi, India,
26. Rajput, M.K.S., Kumar, Mahesh, **Upadhyay, A.K.**, Singh Arbind and Vibha .2008. Animal disease prevalence in Pantnagar and surrounding areas.

- XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India, 27.
27. Gangwar, Preeti, **Upadhyay, A.K.**, Gangwar, N.K., Rajput, M.K.S. and Rani, Vibha 2008. Studies on relationship of mineral and vitamin supplementation with mastitis. XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India, 2-3.
 28. Bhatt, Prakash, **Upadhyay, A.K.**, Parihar G.S. and Rajput, M.K.S. 2008. Prevalence of brucellosis in tarai and hill region of uttarakhand. XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India,
 29. **Upadhyay, A.K.**, Kumar, Mahesh, Rajput M.K.S., Gangwar, Pritee and Singh, Nidhi .2008. Homeopathic treatment of enzootic hematuria (chronic ptaquiloside poisoning). XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India, 29.
 30. Gangwar, Pritee, **Upadhyay, A.K.**, Gangwar, N.K., Singh, Arbind, Rajput, M.K.S 2008. Comparative studies on field diagnostic test for subclinical mastitis. XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India, 39.
 31. Singh Arbind, Nirwan, Snehal, Gangwar, Pritee, Rajput M.K.S, **Upadhyay, A.K** and Kumar, Mahesh. 2008. Foot and mouth disease diagnosis using cell line. XXVI Annual Convention of ISVM and National Symposium on “Emerging challenges and strategy for disease health management of livestock, pet and zoo animals”. Feb. 26-28, Birsha Agriculture University, Ranchi, India, 39.
 32. Singh, J. L., Das, A. K., Rajora, V. S., **Upadhyay, A. K.**, Thattoo, A. K., Prakash, P., Verma, R. P. and Singh, G. K. 2010. Clinco-pathological profile & management of Equine Influenza outbreak in Rudraprayag District of Uttarakhand. 28th Annual Convention of ISVM and National Symposium on “Recent developments in diagnostic and therapeutic approaches for economically important diseases of livestock & companion animals” held at CVSc., Hyderabad during Feb. 17 to 19, 2010.
 33. **Upadhyay, A. K.** (2010). Comparison of Homeopathy and Aurvedic Medicine in Anoestrous. In 26th Annual convention and International Seminar of ISSAR on ‘Biotechnologies for optimization of reproductive efficiency of farm & companion animals to improve global food security & human health’ held at CVSc., GBPUA&T, Pantnagar from Nov. 10th to 12th, 2010.
 34. **Upadhyay, A. K.** and Maansi (2012). Zoonotic diseases in a rural community in the 18th International Congress of Rural Health & Medicine during December 10-12, 2012, in Kala Academy, Goa.
 35. **Upadhyay, A.K.** Singh, Y. P., Singh A. G., Thakur, M. and Maansi (2012). ‘Assessment of physic-chemical and microbial chaacteristics of Ganges water from Gangotri (Uttarakhand) to Kanput (Uttar Pradesh)’ in International Symposium on One health: Way forwarded to challenges in food safety and zoonoses in 21st

- century and 11th annual conference of Indian association of veterinary public health specialist held at Ldhiana from December 13 to 15, 2012.
36. **Upadhyay, A.K.** Singh, Y. P., Singh A. G., Thakur, M. and Maansi (2012). 'Studies of pathogenic *Escherichia coli* based on molecular profiling of virulence genes and antibiotic resistance' in International Symposium on One health: Way forwarded to challenges in food safety and zoonoses in 21st century and 11th annual conference of Indian association of veterinary public health specialist held at Ldhiana from December 13 to 15, 2012.
 37. Maansi, D.C. Thapliyal and **Upadhyay. A. K.** (2013). Characterization of immunoreactive proteins obtained after cefotaxime treatment of *Brucella* cells .National Symposium on Productivity Enhancement through Improved Animal Health and Nutrition organized by Department of Animal Husbandry, U.P., Lucknow in association with Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases at Lucknow.13-15 December, 2013.
 38. **Upadhyay, A .K.** Maansi, Reeti Tiwari and S.P.Singh (2013). Application of Pulsed Field Gel Electrophoresis on *Salmonella* isolates of cattle and poultry. National Symposium on Productivity Enhancement through Improved Animal Health and Nutrition organized by Department of Animal Husbandry, U.P. Lucknow in association with Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases at Lucknow.13-15 December, 2013.
 39. Prasanna, K.V., **Maansi**, Kumar, R., Kiran, Joshi, M., Verma A., and **Upadhyay A. K** (2013). Serotypes of *Escherichia coli* recovered from diarrhoeic calves. National Symposium on Productivity Enhancement through Improved Animal Health and Nutrition organized by Department of Animal Husbandry, U.P. ,Lucknow in association with Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases at Lucknow.13-15 December, 2013.
 40. **Maansi** and **Upadhyay A. K.** (2014). Climate change and its influence on health status. National seminar on "New Dimensional Approaches for Livestock Productivity and Profitability Enhancement under Era of Climate Change" and XXI Annual Convention of Indian Society of Animal Production and Management held during 28 – 30 January, 2014 at Anand.
 41. Rawat, K., Joshi, M., Verma, A. and **Upadhyay, A. K.** (2014). Isolation and molecular characterization of *Salmonella* from animals and human in Uttarakhand; in National Symposium on "Strategy for Canine Health care with Focus on Zoonotic Diseases" and 11th annual conference of Indian society for Advancement of Canine Practice at Patna from February 10 to 12, 2014.
 42. Joshi, M., Rawat, K., Verma, A. and **Upadhyay, A. K.** (2014). Isolation and molecular characterization of *Campylobacter* from different species in Uttarakhand; in National Symposium on "Strategy for Canine Health care with Focus on Zoonotic Diseases" and 11th annual conference of Indian society for Advancement of Canine Practice at Patna from February 10 to 12, 2014.
 43. Verma, A. Rawat, K., Joshi, M., Singh, V. P. and **Upadhyay, A. K.** (2014). Isolation and biochemical Characterization of the *Lactobacillus* from curd samples; in National Symposium on "Strategy for Canine Health care with Focus on

- Zoonotic Diseases” and 11th annual conference of Indian society for Advancement of Canine Practice at Patna from February 10 to 12, 2014.
44. Malik, H., Kumar, A., Rajgunalan, S., Kataria, J. L., Anjay, **Upadhyay, A. K.**, Sachan, S. and Athira, C. K. (2015). Antibiotic Resistance in Biofilm form of *Compylobacter* Isolates. In XIV NAVAS Convention-Cum-Conference held at IVRI, Izatnagar, Bareilly on 04.11.2015.
 45. **Upadhyay, A.K.** (2016). “Helminthic Zoonoses caused by fish” in XXXIV Annual Convention and National Symposium on “Newer approach in diagnosis and management of Animal Diseases for sustainable Health and Production” held at GADVASU, Ludhiana during Feb. 17 to 19, 2016.
 46. Thakur, V., Kumar, M. **Upadhyay, A.K.** and Chauhan, S. (2016). “Evaluation of antibacterial activity of different extracts of *Allium sativum*” in XXXIV Annual Convention and National Symposium on “Newer approach in diagnosis and management of Animal Diseases for sustainable Health and Production” held at GADVASU, Ludhiana during Feb. 17 to 19, 2016.
 47. Singh, P. K., Tanwar, V. K., **Upadhyay A. K** and Anil Kumar (2016). “Quality diminution in stored singori (a type of sweet) of Uttarakhand” in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp452.
 48. Singh, P. K., Tanwar, V. K., **Upadhyay A. K.**, and Anil Kumar (2016). “Studies of physical qualities of singori (a type of sweet) of kumaon reagon. in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp453.
 49. Singh, P. K., Tanwar, V. K., **A. K. Upadhyay** and Anil Kumar (2016). “Studies of chemical qualities of singori (a type of sweet) of kumaon reagon. in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp453.
 50. Singh, P. K., Tanwar, V. K., **Upadhyay A. K.** and Anil Kumar (2016). “Studies of microbiological qualities of singori (a type of sweet) of kumaon reagon” in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp454.
 51. **Upadhyay, A. K.** Singh, P. K. Monika and Singh S. P. (2016). “Epidemiological and molecular characterization of campylobacter from meat” in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp 455.
 52. **Upadhyay, A. K.** Singh, P. K., Kiran and Singh S. P. (2016). “Isolation, epidemiology, molecular characterization and antibiogram of salmonella from meat” in Hill Agriculture in Perspective’ held at G. B. Pant University of Agri. & Tech., Pantnagar during 26-28 February, 2016. Pp 456.
 53. Ganguli, B., Prasanna, K. V., Rastogi, S. K., **Upadhyay, A. K.** and Singh S. P. (2016). Template based virtual screening for inhibitors of quorum sensing in National seminar on ‘One Health Initiative to Foster Intersectoral Collaboration for Human and Animal Health’ held at the eve of Shalimoto Jayanti or World Veterinary day from April 26 to 28, 2016.
 54. Pandey, R., Maansi, **Upadhyay, A. K.**, Singh, S. P., Kumar, D. and Prasanna, K. V. (2016). Molecular characterization of thermophilic bacteria isolated from Uttarakhand in National seminar on ‘One Health Initiative to Foster Intersectoral

- Collaboration for Human and Animal Health’ held at the eve of Shalihotra Jayanti or World Veterinary day from April 26 to 28, 2016.
55. Prasanna, K. V., Singh, S. P., **Upadhyay, A. K.**, Maansi, Kumar, D. and Garia, G. (2016). Distribution of virulence genes in *Salmonella* Typhimurium isolated from Northan India in National seminar on ‘One Health Initiative to Foster Intersectoral Collaboration for Human and Animal Health’ held at the eve of Shalihotra Jayanti or World Veterinary day from April 26 to 28, 2016.
 56. मानसी एवं **ए०के०उपाध्याय**. (2017). ‘जलवायु परिवर्तन व पशु प्रजनन’. आधुनिक कृषि विज्ञान एवं प्रौद्योगिकी के समगतिशील विकास पर जलवायु परिवर्तन का प्रभाव विषयक राष्ट्रीय संगोष्ठी में जो 16–17 दिसम्बर, 2017 में गो. ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय, पन्तनगर में सम्पन्न हुयी।
 57. जयश्री, **ए.के. उपाध्याय** एवं किरन रावत. (2017). ‘पशुओं के मांस से साल्मोनेला का पृथक्कीकरण, महामारी विज्ञान, अण्विक निरूपण व रोगाणुरोधी प्रतिरोधकता का निर्धारण’. आधुनिक कृषि विज्ञान एवं प्रौद्योगिकी के समगतिशील विकास पर जलवायु परिवर्तन का प्रभाव विषयक राष्ट्रीय संगोष्ठी में जो 16–17 दिसम्बर, 2017 में गो. ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय, पन्तनगर में सम्पन्न हुयी।
 58. मानसी एवं **ए०के०उपाध्याय**. (2017). ‘जलवायु परिवर्तन का दूध उत्पादन पर असर’. आधुनिक कृषि विज्ञान एवं प्रौद्योगिकी के समगतिशील विकास पर जलवायु परिवर्तन का प्रभाव विषयक राष्ट्रीय संगोष्ठी में जो 16–17 दिसम्बर, 2017 में गो. ब. पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय, पन्तनगर में सम्पन्न हुयी।
 59. Singh. P. K. and **Upadhyay, A. K** (2018). “Dermatitis in a dog.” in International Symposium on “Emerging Issues, Innovative Techniques and Comprehensive Overview of Research Developments in Canine Practice” of XV ISACP Congress, held at NTR College of Veterinary sciences, Gannavaram, AP, from February 07^{to} 09, 2018.
 60. Maansi, Kamboj, A., Kumar, A., Nagpal, A., Chand, R., Dumka S. and **Upadhyay A. K.** (2018). Isolation of various lactic acid bacteria (LAB) from curd samples collected from four different states of India. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 61. Rawat, N., Maansi, Saini, S., **Upadhyay, A. K.** Dhayananth B. and Hussain S. (2018). Molecular characterization and antimicrobial susceptibility of thermophilic campylobacters isolated from humans, farm and laboratory animals. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 62. Nagpal, A., Singh, P., Maansi, **Upadhyay A. K.** and Yadav, A. (2018). One health approach for emerging zoonotic diseases mitigating public health risk. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 63. Sharma, A., Prasanna K. V., Kumar D., Sharma, J., Pathak, A., Maansi, **Upadhyay A. K.** (2018). Antibiotic Resistance and Biofilm forming ability of Non-Typhoidal *Salmonella* serotypes of diverse origin. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One

- Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
64. Dhayananth B., Saini, S., **Upadhyay, A. K.** Maansi and Hussain, S. (2018). Can Mutation in CDV Engender Zoonotic Threat? in XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 65. Parmar, T., **Upadhyay, A. K.**, Dhayananth B., Saini S. and Maansi (2018). Epidemiological studies on physical, chemical, psychological and zoonotic hazards among Veterinarians. in XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 66. Dinesh K. M, Dhayananth B, Saini, S., **Upadhyay A. K.** and Maansi (2018). Challenges to in-vitro meat production. in XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 67. Sharma, H., Jadhav, V., Maansi, Thakur, S., and **Upadhyay, A. K.** (2018). Aflatoxins: A threat to Public Health. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 68. Bisht, P., Pathak, A., Sharma, J., Hussain, S., Maansi, **Upadhyay, A. K.** (2018). Phytozoonoses. **In** XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 69. Bisht, P., Patwal, P. C., Ansari, M. Q., Maansi, **Upadhyay A. K.** (2018). Study the growth capacity of Campylobacter bacteria using goat blood instead sheep or blood. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 70. Singh, P., Nagpal, A., **Upadhyay, A. K.**, Maansi and Yadav R. (2018). Consequences of using synthetic hormones in food animals, putting humans at risk.
 71. Parveen, S., Bankoti, R., Saini, S., Dhayananth B., Maansi and **Upadhyay, A. K.** (2018). Swine Influenza: A recurring pandemic threa. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
 72. Bankoti, R., Parveen, S., Maansi and **Upadhyay, A. K.** (2018). Characteristics and survival of Clostridium perfringens in cooked meat. In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.

73. Sivakumar V., Dhayananth B, Saini, S., Maansi and **Upadhyay A. K.** (2018). Zika Virus – Is India vulnerable? In XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.
74. Saini, S., Maansi, **Upadhyay, A. K.** , Dhayananth B. and Hussain , S. (2018). Foodborne infections from plant-derived foods: an underestimated but a grievous menace. in XIII National Conference of Association of Public Health Veterinarians on “The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach “during November 30-December 01, 2018 2018 at GBPUAT, Pantnagar.

Teaching

a. Undergraduate

1. Preventive Veterinary Medicine
2. Clinical Practice
3. Clinical Conference
4. Clinical Vet. Medicine
5. Veterinary Ethics and Jurisprudence
6. Wild life health and management
7. Pet & Zoo Animal care and management
8. Veterinary Epidemiology
9. Preventive Veterinary Medicine
10. Environmental Hygiene
11. Zoonoses and Public health
12. Veterinary Epidemiology and Zoonoses
13. Environment and Environmental Hygiene

b. Post graduate

1. Seminar
2. Special Problem
3. Diseases of Dairy animals
4. Poultry Medicine
5. Non-ruminant medicine
6. Canine and Feline Medicine
7. Large Ruminants Medicine
8. Equine Medicine
9. Diagnostic Procedures and Interpretation
10. Porcine Medicine
11. Metabolic and Deficiency Diseases Small-ruminant medicine
12. Ruminants medicine
13. Experimental medicine
14. Canine and Feline medicine
15. Advances in Non-infectious Diseases
16. Advances in Infectious Diseases
17. Preventive Neonatal Medicine
18. Concepts in Disease Intervention and Eradication

19. Advances in Disease Diagnosis
20. Epidemiological Methods
21. Theoretical and Applied Epidemiology
22. Epidemiology of Non-infectious & Chronic Diseases
23. Concepts in Infectious Diseases of Poultry
24. Trends in Environmental & Disaster Epidemiology
25. Current trends in Infectious diseases of Ruminants.
26. Recent Trends in Infectious Diseases of Non-Ruminants
27. Modern Trends in Eradication & Prevention of Animal Diseases
28. Principals of Food Hygiene and Safety
29. Food Borne Infection and Intoxication

Extension

1. Participating monthly in 'Mera Gaon Mera Gaurav' Progemme since 2018.
2. Participating monthly in 'Smart Village' Progemme since 2018.
3. Organized more than 47 animal health camps.
4. Participated in another more than 58 animal health camps organized in others leadership.
5. Participated in 97 Farmers Goshthy.
6. Participated in 36 Farmers Fairs
7. Prepared 18 leaflets for farmers.
8. Delivered 87 Radio talks and 02 TV talks

Workshop organized

- Livestock and Fisheries Session of Industry-Academia-Interface during foundation day celebration on November 15, 2016.

Conference/National Symposium Organized

1. Third Biotechnology Conclave & National Conference on "New Approaches in Animal Nutrition for Production, Health & Welfare" during November 20-22, 2023 at G. B. Pant University of Agriculture and Technology, Pantnagar
2. First joint international symposium of VPHAN and APHV during September 29-30, 2023 at Kathmandu, Nepal.
3. National Symposium on Advancement in Research and innovations in Mitigation of Livestock, Companion, Wild Animals and Poultry of Indian Society for Veterinary Medicine, Pantnagar held at G. B. Pant University of Agriculture and Technology, Pantnagar during February 22- 24, 2022.
4. National Symposium on "Rabies: Still a threat to be managed "of Blue Cross Society, Pantnagar held at G. B. Pant University of Agriculture and Technology, Pantnagar during October 26- 28, 2020.
5. Symposium and XIII National Conference of Association of Public Health Veterinarians on "The role of Veterinary Public Health in Improving Food Security & Safety through One Health Approach "during November 30-December 01, 2018 2018 as Organizing Secretary.
6. Symposium on 'The roll of the Veterinary Profession in Sustainable Development to Improve Livelihoods, Food Security and Safety during April 28-29, 2018 as Organizing Secretary.

7. National Symposium on 'Newer Approaches in Management of Canine Health and Rewarding Clinical Practices as well as Trade' during February 08-11, 2017 as Organizing Secretary.
8. National Symposium on 'One Health Initiative to Foster Intersectoral Collaboration for Human and Animal Health' during April 26-28, 2016 as Co-organizing Secretary.

Validation of Research findings of other institute

1. Validated ELISA developed for detection of *Campylobacter Spp.* by Division of Public Health, IVRI on 22.05.2014.
2. Validated Latex Agglutination test developed for detection of *L. monocytogenes* by Division of Public Health, IVRI on 04.08.2018.
3. Validated ELISA developed for detection of *Japanese Encephalitis* by Division of Public Health, IVRI on 13.03.2019.

PUBLICATIONS

✓ Review article	: 12
✓ Research publications	: 149
✓ Popular articles	: 114
✓ Monograph Published	: 02
✓ Book Written in English	: 05
✓ Books Written in Hindi	: 10
✓ Books Edited	: 07
✓ Book under publication in Hindi	: 01
✓ Manuals prepared	: 05
✓ Chapters in books (English)	: 19
✓ Chapters in books (Hindi)	: 08
✓ Books writing in Progress	: 01

I have also Participated in 3 weeks (2 weeks at University of Hyderabad and 1 week at Monash University, Australia) Leadership for Academicians Programme (LEAP) from sponsored by Ministry of Human Resources Development to inculcate leadership qualities among future academic leaders.

Another Eight Days (February 11-18, 2023) training on Academic leadership was attended by me at University of Illinois, Urbana-Champaign, USA.



Dr. Ajay Kumar Upadhyay

Publications of Dr. Ajay Kumar Upadhyay

Professor & Head
Veterinary Public Health & Epidemiology
College of Veterinary and Animal Sciences
G B Pant University of Agriculture & Technology
Pantnagar-263145

Review article

1. **Upadhyay, A. K.** and Sharma, S. P. (1997). Bovine spongiform encephalopathy: A Novel disease. Indian Vet. Med. Jour. 21: 1-5.
2. **Upadhyay, A. K.** and Pachauri, S. P. (1997). Iron: An infection promoter or immunomodulator. Indian Vet. Med. Jour. 22: 81-84.
3. Maansi, Batra, M. and **Upadhyay, A. K.** (2017). A review on diagnosis of brucellosis. Jour. Immunol. Immunopatol. 19: 10-25.
4. **Upadhyay, A. K.** (2017). Food poisonings in dogs. Indian Jour. Canine Practice. 9 (1): 94-98.
5. **Upadhyay, A. K.** and Ipshita (2017). Veterinary and Animal Sciences in Primeval India. International Jour. Ani. Hus. Vet. Res. 2 (6): 50-53.
6. **Upadhyay, A. K.,** Maansi, Pooja Singh and Aastha Nagpal. (2019). Epidemiology of brucellosis in India: a review. Pantnagar Journal of Research. 17(3).199-205.
7. **Upadhyay, A. K.,** Maansi and Singh, Pooja (2019). Campylobacteriosis in India. Indian J. Vet. Public Hlth. 6(1): 1-13.
8. Singh N. K. **Upadhyay, A. K.,** Ansari I., Sanower, Roma and Maansi (2020). Covid-19-A Dreaded Pandemic Disease. Jour. Pharmacy Bio. Sci. 15 (2): 37-42. DOI: 10.9790/3008-1502043742.
9. Neha Pant and **Upadhyay, A. K.** (2020). An Explication of Pandemic Public Health Emergency, Coronavirus Disease 2019 (COVID-19): A Review. AIJR. Preprint Received: 21 May 2020 / Approved: 22 May 2020 / on line: 22 May 20.
10. Thapliyal, S., Singh, N. K. and **Upadhyay, A. K.** (2021). Dengue Viral Infection: A Review. World Jour. Pharm. Pharmaceutical Sci. 10: (8). 913-922. Impact Factor 7.632. DOI: 10.20959/wjpps20218-19579
11. Ansari, I., **Upadhyay, A. K.,** Singh, N. K., Sanower, and Maansi (2021). Review on Mental Health in India. Indian Jour. Vet. Pub. Health. 07 (2): 31-35.
12. Thapliyal, S. and **Upadhyay A. K.** (2021). Potential Food Hazards: A Review. International Jour. Sci. Engin. Res. 12 (9). 442-449.

Research publications

1. **Upadhyay, A.K.,** Swarup, D. and Vanamayya, P.R. (1990). Clinico-pathological observations in experimental chronic lead intoxication in calves. Indian Jour. Ani. Sci. 60: 401-405.
2. **Upadhyay, A.K.** and Swarup, D. (1990). Serum minerals and electrolyte profile in experimental lead toxicity in calves. Indian Jour. Ani. Sci. 60: 1453-1455.
3. Swarup, D. and **Upadhyay, A.K.** (1991). Chemoprophylactic efficacy of thiamine hydrochloride in experimental lead toxicosis in calves. Indian Jour. Ani. Sci. 61: 1170-1173.

4. **Upadhyay, A.K.** Swarup, D. (1994). Lead toxicity in cow calves. Indian Jour. Ani. Sci. 64: 1062-1063.
5. Pachauri, S.P.; Rajora, V.S.; **Upadhyay, A.K.** and Gupta, G.C. (1994). Homoeopathic treatment for blood in milk of dairy cow. Indian Jour. Vet. Med. 14: 91.
6. **Upadhyay, A.K.**; Rajora, V.S.; Pachauri, S.P. and Gupta, G.C. (1995). Evaluation of homoeopathic drugs in bovine mastitis. Indian Vet. Med. Jour. 19: 65-67.
7. **Upadhyay, A.K.** (1995). Abscess in the supramammary fatty area of a cow. Indian Vet. Jour. 74: 740-741.
8. Rajora, V.S.; Pachauri, S.P.; Gupta, G.C. and **Upadhyay, A.K.** (1995). Use of iron preparation in anaemia associated with anorexia in dairy cattle. Indian Jour. Vet. Med. 15: 1-4.
9. **Upadhyay, A.K.** (1995). Homoeopathic treatment of vaginal prolapse. Indian Jour. Vet. Med. 15: 110.
10. Rajora, V.S.; **Upadhyay, A.K.**, Pachauri, S.P. and Gupta, G.C. (1995). Homoeopathic treatment of warts in animals. Indian Vet. Med. Jour. 19: 300.
11. **Upadhyay, A.K.** and Swarup, D. (1996). Prophylactic use of sodium sulphate and thiamine hydrochloride in experiment lead poisoning in calves. Indian Jour. Ani. Sci. 66(7): 675-680.
12. **Upadhyay, A.K.** and Pachauri, S.P. (1996). Management of foot and mouth disease by using chlortech and yea-sacc. Indian Vet. Med. Jour. 20: 150-151.
13. **Upadhyay, A.K.** (1996). Study on hypogalactia by using herbal and homoeopathic preparation. Indian Vet. Med. Jour. 20: 220-221.
14. Singh, R. K, **Upadhyay, A.K.** and Sharma, S.P. (1998). Experimental Urea toxicity in calves. Indian Vet. Med. Jour. 22: 52-53.
15. **Upadhyay, A.K.** and Sharma, S.P. (1999). Management of bovine mastitis by homoeopathy. Indian Jour. Vet. Med. 23: 71-72.
16. **Upadhyay, A.K.** and Shukla, S.K. (1999). Studies on efficacy of anigest in various ruminal disorders. Indian Jour. Vet. Med. 23: 249-251.
17. Gupta, G.C. and **Upadhyay, A.K.** (2000). Therapeutic efficacy of herbal liver tonic Yakrifit in carbon tetrachloride induced hepatotoxicity in calves. Indian Vet. J. 20:43-46.
18. **Upadhyay, A.K.** and Pachauri, S.P. (2001). Prevalence of bovine and Bubalian fasciolosis in Tarai region of Kumaon. Indian Vet. Med. Jour. 21: 82-86.
19. Agarwal, R., Singh, R., Kumar, M. and **Upadhyay, A. K.** (2002). Epidemiological features of parasitic diseases in some parts of Chhattisgarh State. Indian Vet. Med. Jour. 22:47-49.
20. **Upadhyay, A. K.** and Kumar, M. (2002). Comparison of some serological tests in diagnosis of experimental bovine fasciolosis. Indian Jour. Vet. Med. 22: 82-84.
21. Shukla, U, Tewari, A. and **Upadhyay, A. K.** (2002). In vitro antimicrobial study of Neem (*Azadirachta indica*) seed and leaf extracts. Indian Vet. Med. Jour. 22: 109-111.
22. **Upadhyay, A. K.** and Kumar, M. (2002). SDS-Page analysis of *fasciola gigantica* antigen. Jour. Immunol. and Immunopatho. 4: 91-92.
23. Shukla, B. B., Kumar, R., **Upadhyay, A. K.** Shukla, S. K., Dixit, V. P. and Kumar, M. (2003). Relationship of age with body weight in orphaned leopard cubs. Zoos' Print Jour. 18: 1058.

24. Agarwal, R., Singh, R., Kumar, M. and **Upadhyay, A. K.** (2003). Epidemiological features of bovine Trypanosomiasis and Babesiosis in some parts of Durg district of Chhattisgarh State. *Indian Vet. Jour.* 80:314-317.
25. **Upadhyay, A. K.** and Kumar, M. (2003). Clinico-haematological alterations in experimental bovine fasciolosis. *Indian Jour. Ani. Sci.* 73:511-514.
26. Ram, H., Banerjee, P. S., Agarwal, D. K., Chandra, R. and **Upadhyay, A. K.** (2003). Lungworm associated mortality in Gaddi goat in North Uttaranchal. *Pantnagar Jour. Res.* 1. 61-62.
27. **Upadhyay, A. K.**, Shukla, R., Shekhar, K. S. and Sharma, R. K. (2003). Haemogram of Khaki Campbell Ducks of Tarai Region Of Uttaranchal. *Indian Vet. Med. Jour.* 27. 156.
28. **Upadhyay, A. K.** and Kumar, M. (2003). Haemato-biochemical alteration in experimental bovine fasciolosis. *Indian Jour. Vet. Med.* 23: 66-70.
29. Shukla, B. B., Kumar, R., **Upadhyay, A. K.** and Kumar, M. (2003). Hand rearing of orphaned leopard (*P. pardus*) cubs. *Indian wild life yearbook.* 2: 58-60.
30. Shukla, U, Tewari, A. and **Upadhyay, A. K.** (2003). In vitro investigation on antimicrobial activity of neem (*Azadirachta indica*) extracts. *Indian Vet. Med. Jour.* 27: 319-321.
31. Jadon V. S., Tewari Anurag, Jagtap N.A. and **Upadhyay, A. K.** (2004). Optimization of lactic acid production process from whey containing *Lactobacillus amylovorus*. *Indian Vet. Jour.* 81: 166-168.
32. **Upadhyay, A. K.** and Kumar, M. (2004). Immunodiagnosis in experimental fasciolosis. *Indian Vet. Jour.* 81: 228-229.
33. **Upadhyay, A. K.** and Kumar, M. (2004). Comparison of ELISA and DOT-ELISA in diagnosis of experimental fasciolosis. *Indian Vet. Jour.* 81: 329-330.
34. **Upadhyay, A. K.** (2004). Effect of mineral supplementation on conception of dairy animals. *Indian Jour Vet. Med.* 24: 34-35.
35. **Upadhyay, A. K.** and Dwivedi, H. P. (2004). Effect of mineral supplementation in mastitic cow. *Indian Vet. Jour.* 81: 1061-1062.
36. Parihar G. S., Rajput, M. K. S., **Upadhyay, A. K.** and Kumar, M. (2004). Comparison of mineral profile in urine of crossbred, Sahiwal and Non-descript cattle. *The Indian cow.* 1: 8-11.
37. **Upadhyay, A. K.** Parihar G. S. and Rajput, M. K. S. (2004). Comparison of mineral profile in milk and dung of Sahiwal and cross-bred cattle. *The Indian cow.* 1: 16-18.
38. **Upadhyay, A. K.**, Shekhar, K. S. and Sharma, R. K. (2004). Comparative studies on production parameters of crossbred indigenous poultry in backyard poultry production system. *Indian Vet. Med. Jour.* 28: 101-102.
39. Dwivedi, H. P., Kumar, M and **Upadhyay, A. K.** (2004). Biochemical changes in cows suffering from mastitis. *Indian. Jour. Vet. Med.* 24: 101-102.
40. **Upadhyay, A. K.** (2004). Effect of mineral supplementation on milk production in buffaloes. *Indian Vet. Med. Jour.* 28: 276.
41. Shukla, U., Tewari, A. and **Upadhyay, A. K.** (2004). [Comparative studies on two different neem extracts](#). *Indian veterinary journal* 81 (3), 270-272,
42. **Upadhyay, A. K.**, and Kumar, M. (2005). Herbal cure of experimental fasciolosis. *Indian Vet. Jour.* 82: 498-500.

43. **Upadhyay, A. K.**, Dwivedi, H. P., Singh, S., Kumar, M and Kumar, S. (2005). Epidemiology of skin infections in dogs at Pantnagar. Indian. Vet. Jour. **82**: 763-764.
44. Singh, S., Kumar, M and **Upadhyay, A. K.** (2005). Chemical analysis and *in vitro* efficacy of various extracts of *Embelia ribes* against *Haemonchus contortus*. Indian drugs. **42(7)**: 471-473.
45. Dwivedi, H. P. Singh, S., Kumar, M .**Upadhyay, A. K.** (2005). [Risk Factors Related to Morbidity and Mortality in Pre-and Post-Weaning Calves.](#) Indian Dairyman. 57: (8), 43-44.
46. Kumar, R., Kumar, M., **Upadhyay, A. K.** and Shukla, S. K., (2005). Study of *Ascaridia galli* prevalence in area surrounding Pantnagar. Indian J. Poult. Sci. **40**: 206-208.
47. Kumar, R. and **Upadhyay, A. K.** (2005). Study on incidence of selected digestive tract disorders of buffaloes in Ambedkarnagar district (Uttar Pradesh). Indian J. Field Vet. **1** : 29-30.
48. Jain, V., Kumar, M and **Upadhyay, A. K.** (2005). Comparative evaluation of sero-diagnostic tests for brucellosis. Indian J. Field Vet. **1** : 25-27.
49. Gangwar, P., Kumar, M **Upadhyay, A. K.** and Gangwar, N. K. (2005). Antimicrobial properties of essential oil and aqueous extract of *Anethum graveolence* (European dill). Indian Perfumer. **49** : 355-359.
50. Kumar, R., Shukla, B. B. and **Upadhyay, A. K.** (2005). Prevalence of Fasciolosis in Tharparkar cows in Damoh District of Madhya Pradesh. Indian Jour. Field Vet. **1** : 50-51.
51. Jain, V., Parihar, G. S. **Upadhyay, A. K.** and Kumar, M. (2005). Sero-epidemiology of IBR among bovine of Garhwal region. Indian Vet. Jour. **83** : 340-342.
52. Jain, V., Parihar, G. S. **Upadhyay, A. K.** and Kumar, M. (2005). A cross sectional study of CCPP in goats of the sub-Himalyan Garhwak region. Indian Vet. Jour. **83** : 343-344.
53. Awasthi, P and **Upadhyay, A. K.** (2006). Screening of sub-clinical mastitis using cow slide test and california mastitis test. Indian Vet. Jour. **83**: 275-276.
54. Rajput, M. S., Kumar, M **Upadhyay, A. K.** and Jadon, N. S.(2006). Comparative evaluation of anthelmintic efficacy of some plants against *Haemonchus contortus*. Indian Jour. Vet. Med. **83** : 86-88.
55. Jain, V., **Upadhyay, A. K.** Kumar, M. and Parihar, G. S.(2006). Epidemiological status of brucellosis in domestic ruminants of Garhwal region in Uttaranchal state. Indian Vet. Jour. **83** : 130-132.
56. Jain, V., Parihar, G. S. **Upadhyay, A. K.** and Kumar, M. (2006). Sero-epidemiology of IBR among bovine of Garhwal region. Indian Vet. Jour. **83** : 340-342.
57. Jain, V., Parihar, G. S. **Upadhyay, A. K.** and Kumar, M. (2006). A cross sectional study of goats of the sub Himalayan of Garhwal region. Indian Vet. Jour. **83**: 343-344.
58. Jain, V., **Upadhyay, A. K.** and Kumar, M. (2007). Comparative evaluation of sero-diagnosis tests for brucellosis. Indian Jour. Vet. Med. **27**: 43-44.

59. Shukla, S., Tewari, D. P., Kumar, A., Mondal, B. C. and **Upadhyay, A. K.** (2007). Animal husbandry practices in Pithoragarh district of Uttarakhand State. *Indian Jour. Ani. Sci.* **77**: 1201-1204.
60. Agarwal, R., Kumar, M. and **Upadhyay, A. K.** (2007). Epidemiological status of BHK-1 infection in bovines of Uttarakhand. *Indian Jour. Vet. Med.* **27**: 138-139.
61. **Upadhyay, A. K.**, Gangwar, P. and Kumar, M. (2008). Supplementation to prevent sub clinical mastitis. *Vet. World.* **1**: 40-41.
62. Gangwar, Pritee, **Upadhyay, A.K.**, Gangwar, N.K. and Rajput, M.K.S. (2008). Relationship of mineral and vitamin supplementation with mastitis. *Veterinary World* **4**:103-104.
63. Gangwar, Pritee, **Upadhyay, A.K.**, Gangwar, N.K. and Rajput, M.K.S. (2008). Phytochemical composition and *in vitro* evaluation of antitrementodal efficacy of *Punica granatum* against *Fasciola gigantica*. *Ani. Sci. Reporter.* **2**:150-154.
64. **Upadhyay, A. K.**, Gangwar, P. Kumar, M. and Gangwar N. K. (2008). *In vitro* evaluation during of *Argimone maxicana* for antitrementodal properties and phytochemical analysis. *Indian Jour. Vet. Med.* **28**: 128-130.
65. Gangwar N. K. Singh, J. L. **Upadhyay, A. K.**, Kumar, M. and Gangwar, P. (2008). Management of subclinical mastitis with soda bi carb as a therapeutic adjunct- a case report. *Indian Jour. Vet. Med.* **28**: 154-155.
66. Gangwar, Pritee, **Upadhyay, A.K.**, Gangwar, N.K. and Kumar, M. (2009). Comparative studies on field diagnostic tests for subclinical mastitis. *Indian Vet. Jour.* **86**:205-206.
67. **Upadhyay, A.K.**, Chaudhary, S, and Rajput, M. K (2009). *In vitro* antitrementodal study of *Butea frondosa* extracts. *Indian Vet. Jour.* **86**: 867-868.
68. **Upadhyay, A. K.**, Parihar, G. S., Rajput, M. K. S.(2010). [Comparison of mineral profile in milk and dung of sahiwal and crossbred cattle](#). *The Indian Cow: The Scientific and Economic Journal* **1** (1), 16-18.
69. Tyagi, A, Singh B., **Upadhyay, A.K.**, and Kumar, M. (2011). Diagnostic potential of mastitogen in dairy herd. *Indian Jour. Vet. Med.* **31**:98-99.
70. Mohan, A., Kumar, R., **Upadhyay, A. K.**, Kumar, M., Majumdar, S., Singh, A. and Thakur, V. (2012). Serotyping of FMD virus from bovine tongue epithelium and virus visualization using transmission electron microscopy. *Indian Jour. Vet. Med.* **32**:66-70.
71. Rani, V., Kumar, R., **Upadhyay, A. K.**, Kumar. M. (2012). [Therapeutic efficacy of chicken egg yolk immunoglobulins against hydropericardium syndrome in broiler chickens](#). *The Indian Journal of Animal Sciences.* **82** (6): 435-438.
72. Mohan, A., **Upadhyay, A. K.**, Kumar, M., Mahajan, S., Singh, A. and Rathish, R. L., (2013). Seroepidemiological investigation of protective antibody titer against FMD virus in bovines of Uttarakhand, India. *Indian Ani. Res.* **47**(2):142-146.
73. Agrawal, R., **Upadhyay, A. K.**, Nayak, P. S. (2013). [Drying characteristics of Safed Musli \(Chlorophytum borivilianum\) and its effect on colour and saponin content](#). *Journal of Pharmacognosy and Phytotherapy.* **5**(8): 142-147.
74. Agrawal, R., Das, M., **Upadhyay, A. K.** and Danish, M. (2013). [Estimation of microbial flora in mincemeat collected from Nandus nandus, Channa marulius and Puntius sarana during six months storage at-20C](#). *African Journal of Microbiology Research* **7** (28), 3704-3710

75. Shekhar, C. **Upadhyay, A. K.** and Singh S. P. (2013). Prevalence of *Salmonella* in foods of animal origin and its public health significance. *J. Vet. Pub. Hlth.***11.** (1) 57-60.
76. Maansi and **A. K. Upadhyay.** (2014). Risk factors associated with occurrence of zoonotic diseases in rural community. *Int. J. Basic and Appl. Agri. Research.* **12** (1). 72-74.
77. Singh, R., **Upadhyay, A. K.**, Shrivastava, P., Singh, V. K. (2014). [Productivity enhancement of sesame \(*Sesamum indicum* L.\) through in improved production technologies](#). *The Bioscan.* 9(1): 107-110.
78. Mohan, A., **Upadhyay, A. K.**, Kumar, M., Kushwaha, N., Singh, R. and Rastogi, S. K., (2014). Seroprevalence of foot and mouth disease and protective antibody titers against it in buffaloes. *Buffalo Bulletin.* **43(4)**: 284-292.
79. Maansi and **A. K. Upadhyay.** (2015). Antibiotic susceptibility of smooth *Brucella abortus* S99 and rough *Brucella melitensis* B115 Strains. *Indian Vet. J.* **92** (1). 80-81.
80. Maansi and **A. K. Upadhyay,** (2015). Epidemiological status of brucellosis in animals and human of Uttarakhand. *Int. J. Basic and Appl. Agri. Research.* **13** (1). 92-94.
81. Maansi and **A. K. Upadhyay,** (2015). Studies on cefotxime induced immunogenicity of *Brucella abortus* S99 cell proteins. *Int. J. Basic and Appl. Agri. Research.* **13** (2). 222-224.
82. Mohan, A. **Upadhyay, A. K.** Kumar M. and Kushwaha N., (2015). Seroprevalence of Foot-and-Mouth Disease in Bovine Population of a District of Uttarakhand, India. *Livestock Research International.* **3** (3): 58-63.
83. Singh, A. G., Ipshita, **Upadhyay, A. K.**, Maansi and Singh, P. K. (2015). Antimicrobial sensitivity assay of *Escherichia coli*. *International Jour. Sci. & Applied Res.* **2** (12). 83-85.
84. Singh, A. G., Ipshita, **Upadhyay, A. K.**, Maansi and Singh, P. K. (2015). PCR based detection and analysis of virulence genes of *Escherichia coli*. *International Jour. Sci. & Applied Res.* **2** (12). 86-87.
85. **Upadhyay, A. K.**, Ipshita, Kumar, A. Singh, P. K., Maansi and Prasanna, K. V., (2015). Fish borne helminthic zoonoses. *International Res. Jour. Natural & Applied Sciences.* **2.** (12): 62-69.
86. Singh, P. K., Tanwar, V. K., Kumar, A. and **Upadhyay, A. K.**, (2016). Comparative Studies of Physical Qualities of Singori (A Type of Sweet) of Kumaon. *Jour. of Agri. & Vety. Sci.* **9** (1). 45-47.
87. Singh, P. K., Tanwar, V. K., **Upadhyay, A. K.**, and Kumar, A. (2016). Comparative Studies of Microbiological Qualities of Singori (A Type of Sweet) of Kumaon. *International Jour. of Innovative Res. & Development.* **5** (1). 45-47.
88. Singh, A. G., **Upadhyay, A. K.**, Maansi, Ipshita, Kumar, A. and Kumar, A. (2016). Study of pathogenic *Escherichia coli* based on molecular profiling of virulence genes and antimicrobial resistance. *International Jour. of Science and Applied Res.* **3** (1). 18-22.
89. Kushwaha, N., Rajora, V. S., Mohan, A., Upadhyay, A.K. and Kumar, R. (2016). [Comparison of serological tests for detection of Brucella antibodies in cattle of an organized dairy farm](#). *Indian Journal of Animal Research* 50 (1), 69-74.

90. Singh, P. K., Tanwar, V. K., **Upadhyay, A. K.**, and Kumar, A. (2016). Studies on storage Qualities of Singori (A Type of Sweet) of Kumaon region. *Jour. of Agri. & Vety. Sci.* **9 (1)**. 53-56.
91. Singh, P. K., Tanwar, V. K., **Upadhyay, A. K.** and Kumar, A., (2016). Comparative Studies of Chemical Qualities of Singori (A Type of Sweet) of Kumaon. *International Jour. of Natural and applied Sci.* **3 (1)**. 20-24.
92. Monika, **Upadhyay, A. K.**, Singh, S. P., Singh, P. K., and Kumar, A. (2016). Isolation, Epidemiological and Molecular Characterization of *Campylobacter* from Meat. *International Jour. of Innovative Res. & Development.* **5 (1)**. 246-248.
93. Kiran, **Upadhyay, A. K.**, Maansi, and Kumar, A. (2016). Prevalence of salmonella in meat of food animals. *International Jour. of Innovative Res. & Development.* **5 (1)**. 345-347.
94. **Upadhyay, A. K.**, Monika, Maansi, Singh, Ipshita, Singh, P. K., and Kumar, A. (2016). Epidemiology and antimicrobial resistance in *campylobacter*. *Jour. of Agri. & Vety. Sci.* **9 (2)**. 06-08.
95. **Upadhyay, A. K.**, Kiran, Maansi, Singh, P. K., Ipshita and Kumar, A., (2016). Epidemiology and antimicrobial resistance of *Salmonella* isolated from Meat. *International Jour. of Natural and Applied Sci.* **3 (2)**. 40-45.
96. **A .K. Upadhyay**, Maansi, Deepak and S. P. Singh, (2017). Epidemiology and Antibigram of *Salmonella* from Kumaun. *International Jour. of Natural and Applied Sci.* **4 (5)**. 42-48.
97. **Upadhyay A. K.** and Ipshita (2017). Prevalence and antimicrobial resistance for *Salmonella*. *International Jour. of Sciences and Applied Research.* **4 (6)**. 05-09.
98. Jaishree Sharma and **A.K. Upadhyay** (2017). Prevalence of Intestinal Parasites in Dogs of Kumaon Tarai of Uttarakhand. *Int. Jour Recent Sci. Res.* **8 (5)**: 17236-17238. DOI: <http://dx.doi.org/10.24327/ijrsr.2017.0805.0311>
99. Richa Rautela., Ankita Rautela and **Upadhyay A. K.** (2017). Prevalence of Skin Diseases in Dogs of Kumaon Tarai of Uttarakhand. *Int J Recent Sci Res.* **8 (6)**, pp. 17354-17355. <http://dx.doi.org/10.24327/ijrsr.2017.0806.0337>
100. Tanuja P. and **Upadhyay A. K.** (2017). Prevalence of Haemoprotozoan Diseases in Large Animals of Kumaon Tarai of Uttarakhand. *Int J Recent Sci Res.* **8 (6)**, pp. 17583-17584. DOI: <http://dx.doi.org/10.24327/ijrsr.2017.0806.0385>
101. **Upadhyay, A. K.** and Ipshita (2017). Studies on *Campylobacters* of Kumaun of Uttarakhand. *Int J Recent Sci Res.* **8 (6)**, pp. 17580- 17582. DOI: <http://dx.doi.org/10.24327/ijrsr.2017.0806.0384>
102. **Upadhyay, A. K.** and Ipshita (2017). Epidemiology, virulence and antimicrobial resistance in *Campylobacters* of Kumaun of Uttarakhand. *Int J Sci Applied Res.* **4 (7)**, pp. 36- 40.
103. Sheeba Hussain and **Upadhyay A. K.** (2017). Prevalence of diarrhea in dogs of Kumaon Tarai of Uttarakhand. *Int J Sci Applied Res.* **4 (7)**, pp. 53- 55.
104. **Upadhyay A K** and Ipshita (2017). Prevalence and antimicrobial resistance in *Campylobacters* of Kumaun of Uttarakhand. *Asian Journal of Medical and Health Research:* **2 (7)**: 10- 16.
105. Satish Kumar, Mrigakshi Yadav, Vidhi Kunwar, Penny Arya, Radhika, Prakash Bhatt and **Upadhyay, A. K.** (2017). Therapeutic management of mycotic demodicosis in a dog – A case report. *Canine Practice.* **9 (2)**: 117-118.

106. Satish Kumar, Mrigakshi Yadav, Nidhi Arya, Vidhi Kunwar, Penny Arya, Radhika, Prakash Bhatt and **Upadhyaya, A. K.** (2017). Microfilariae in a dog – A case report. *Canine Practice*. 9 (2): 121-122.
107. **Upadhyay, A. K.** and Ipshita (2017). Heavy metals affecting canine health. *International Research Journal of Natural and Applied Sciences*. 4 (11): 55-67.
108. **Upadhyay, A. K.** and Ipshita (2017). Veterinary medicine in primeval India. *International Research Journal of Natural and Applied Sciences*. 4 (11): 78-85.
109. Malik, H., Rajagunalan, S., Kumar, M. S., Kataria, J. L., Anjay, P., Sachan, S., **Upadhyay, A. K.**, and Kumar, A. (2017). Assessment of Antibiotics Effect on Planktonic and Biofilm Forms of *Campylobacter* Isolates. *Israel Journal of Veterinary Medicine*. 72 (4): 03-13.
110. Tewari, A., Choudhary, A. S. and **Upadhyay, A. K.** (2018). Epidemiological Status of Tuberculosis in West Uttar Pradesh. *International Jour. Recent Sci. Res.* 9 (6): 27598-275600.
111. Tewari, A., Choudhary, A. S. and **Upadhyay, A. K.** (2018). Status of Tuberculosis in West Uttar Pradesh. *International Jour. Medical Res. And Health*. 7 (7): 147-150.
112. Pathak, A., Kumar, D., Prasanna, K. V., Kamboj, A., Sharma, J., Shukla, M., **Upadhyay, A. K.**, Karabasanavar, N., Kaushik, P. and Singh, S. P. (2018). Mutations in DNA gyrase and topoisomerase genes linked to fluoroquinolone resistance in *Salmonella* Typhimurium of animal origin in India. *Jour. Global Antimicrobial Resistance*. 15: 268-270.
113. Rawat, N. Maansi, Kumar D. and **Upadhyay, A. K.** (2018). Virulence typing and antibiotic susceptibility profiling of thermophilic *Campylobacters* isolated from poultry, animal, and human species. *Vet. World*. 11(12): 1698-1705.
114. Sharma, J., Kumar, D., Hussain, S., Pathak, A., Shukla, M., Prasanna K. V., Anisha P.N., Rautela, R., **Upadhyay, A. K.** and Singh S.P. (2019). Prevalence, antimicrobial resistance and virulence genes characterization of nontyphoidal *Salmonella* isolated from retail chicken meat shops in Northern India. *Food control*. 102: 104-111.
115. Sofi, O. M. U. D., Vatsya, S., Kumar, R. R., **Upadhyay, A. K.** and Agrawal, S. (2019). Micrometry of hooks of protoscolices of *Echinococcus granulosus* G5 genotype recovered from buffaloes in northern part of India. *Journal Ent. Zoo. Stud.* 7(3): 1021-1025.
116. Sofi, O. M. U. D., Vatsya, S., Kumar, R. R. and **Upadhyay, A. K.** (2019). Cystic *Echinococcosis* in Buffaloes from Northern Region of India: Prevalence and Molecular Characterization. *Int. J. Curr. Microbiol. App. Sci.* 8(5): 347-364.
117. Painuly, B., Gupta, H. P., **Upadhyay, A. K.**, Revathy, V. J. and Singh, Madhwal D. (2019). Predominant bacterial subclinical endometritis. *Indian J. Vet. Public Hlth.* 6(1): 31-37.
118. Ansari I., **Upadhyay A. K.**, Sanower, Singh N. K., Maansi (2020). COVID-19: Current Status and Management. *Int. J. Sci. and Res.* 9 (4): 561-534. DOI: 10.21275/SR20407202308.
119. Garhia, G., Maansi M., Kumar, D. and **Upadhyay, A. K.** (2020). Characterization of isolated thermophilic campylobacters and associated risk factors in poultry farms of Uttarakhand, India. *Research Squire*. Preprint: 1-26. <https://doi.org/10.21203/rs.3.rs-32058/v1>

120. Saini, S., **Upadhyay, A. K.** and Maansi (2020). Prevalence and antimicrobial resistance of non typhoidal Salmonella. Indian J. Vet. Public Hlth. 6 (2): 69-81.
121. Singh P., **Upadhyay A. K.**, Kumar V., Sinha D. K., Singh B. R. and Maansi (2020). Study of epidemiological factors associated with covid-19 in India. World Jour. Pharm. Pharmaceutical Sci. 9 (12): 1332-1346. DOI: 10.20959/wjpps202012-17847 IF- 7.632.
122. Singh N. K., **Upadhyay A. K.**, Sharma H. Roma and Maansi (2020). Effects of covid-19 outbreaks on livestock sector. World Jour. Pharm. Pharmaceutical Sci. 9 (12): 1698-1705. DOI: 10.20959/wjpps202012-17937. IF- 7.632.
123. Singh P. and **Upadhyay A. K.** (2020). State Wise Analysis of Morbidity - Mortality Pattern and Case Fatality - Recovery Rate of COVID-19 in India. International Jour. Sci. Res. 10 (1): 194-200. DOI: 10.21275/SR201202172831. IF- 7.583.
124. Singh N. K., **Upadhyay A. K.**, Sharma Himani, Roma, Maansi, Ansari Iram, Sanower and Kumar A. (2021). Public Health Significance of Non- Infectious Epidemics in India. World Jour. Pharm. Pharmaceutical Sci. 10 (3): 321-337. DOI: 10.20959/wjpps20213-18357 IF- 7.632.
125. Chand M., Singh N. K. , Kumar Ajay, Srivastva S. and **Upadhyay A. K.** (2021). Food Safety and Its Mitigation. World Jour. Pharm. Pharmaceutical Sci. 10 (4): 508-519. DOI: 10.20959/wjpps20214-18598. IF- 7.632.
126. Ansari, I., **Upadhyay, A. K.**, Singh, N. K., Sanower, and Maansi (2021). Mental Health in India: Forthcoming Pandemic. International Journal of Scientific & Engineering Research: 12 (7). 143-152.
127. Ansari, I., **Upadhyay, A. K.**, Singh, N. K., Sanower, and Maansi (2021). Colistin: From Ethos of the Past to Hope in the Present. Epidemics in India. World Jour. Pharm. Pharmaceutical Sci. 10 (7): 612-621. DOI: 10.20959/wjpps20217-19308. IF- 7.632.
128. Parmar, T., **Upadhyay, A. K.**, Maansi and Rautela, R. (2021). Epidemiological Studies on Physical, Chemical, Zoonotic and Psychological Hazards among Veterinarians. Jour. Ani. Res. 11 (1). 131-136. DOI:10.30954/2277-940X.01.2021.17. Impact Factor: 0.395
129. Singh P., **Upadhyay A. K.**, and Maansi (2021). Epidemiological Factors in India associated with COVID-19. Indian Jour. Vet. Pub. Health. 07 (2): 61-63.
130. Parmar, T., **Upadhyay, A. K.**, and Maansi (2021). [Occupational hazards among veterinarians](#). Pantnagar Jour. Res. 19 (2): 306-310.
131. Singh P., Maansi, Singh, N. K. and **Upadhyay A. K.** (2021). Epidemiological Factors of COVID-19. Pant. Jour. Res. 19 (2): 311-317.
132. Tiwari, K., Verma, P., Sharma, J., and **Upadhyay A. K.** (2021). Immune-mediated gene expression of il-6 and TGF- β 1 during progression and regression of canine transmissible venereal tumors. Vet. Arhiv. 91 (6), 625-634.
133. Singh, N. K., **Upadhyay, A. K.**, Maansi, Kumar, R, Kamboj, A., Ambwani, T. K., Sharma, H., Shukla, N. and Kumar, A. (2022). Comparative Studies on Growth Performance of Thermophilic Campylobacters Isolated from Wild Animals on different Culture Media. Biological Forum. 14(2): 1060-1063.
134. Singh, N. K., **Upadhyay, A. K.**, Ambwani, T. K., Maansi, Sharma, H., Swami, S. and Kumar, A. (2022). AMR status in Uttarakhand. Pant. Jour. Res. 20 (1): 131-141.

135. Ansari, I. Maansi and **Upadhyay, A. K.** (2022). Comparative studies on culture method, Biochemical confirmation, Serotyping, Duplex PCR and qPCR for detection of *Salmonella* spp. *Indian J. Vet. Public Hlth.* 2022 8(2): 67-70.
136. Parveen, S., Maansi, **Upadhyay A. K.** and Huozha, R. (2022). Assessing the Safety of Fish Retail Shops and Associated Environment for Antimicrobial Resistant Non-Typhoidal *Salmonella*. *Fishery Technology.* 59 (3): 197 – 206.
137. Sharma, N., Singh, P. K., Rawat, S., **Upadhyay, A. K.** Joshi, R. and Verma, H. (2022). Antibiotic resistance profile of lactic acid bacteria isolated from raw milk of Badri cows. *Pharma Innov. Jour.* 2022; SP-11(8): 1707-1709. NAAS Rating: 5.23.
138. **Upadhyay, A. K.**, Chauhan, R. S., Maansi, Singh, N. K. and Swami, S. (2022). Rabies meta-analysis in dogs and human. *Pantnagar Jour. Res.* 20 (2): 312-315.
139. **Upadhyay, A. K.**, and Swami, S. (2022). Emerging and re-emerging zoonoses of India originating from dogs and cats. *Pantnagar Jour. Res.* 20 (2): 324-327.
140. Singh, N. K., **Upadhyay, A. K.**, Kamboj, A., Shukla, M., Ambwani, T. K., Kumar, R., Sharma, H. and Shukla, N. (2023). Evaluation of Various Methods for Genomic DNA Extraction from Pure Cultures of Lysis Resistant *Campylobacters* Isolated from Wild Animals. *Jour. Ani. Res.* 12 (5): 1-7.
141. Singh, P., **Upadhyay, A. K.**, Karthikeyan, R. and Vinodh Kumar, O. R. (2023). Pairwise and Network Meta-Analysis of Antiviral and other Treatment Efficacy in Covid-19 Patients. *Indian Journal of Public Health Research and Development.* 14(2): 307-314.
142. **Upadhyay, A. K.**, Khulbe, M., Swami, S., Thapliyal, S and Maansi. (2023). Common diseases after wars. *Pantnagar Jour. Res.* 21 (1): 81-85.
143. Singh, D., Arya, A., Prabhakaran, P., Singh, P. K. Kumar, S., Shahi, N. C. and **Upadhyay, A. K.** (2023). Quality characteristics of low salt functional chicken patties incorporated with Barnyard Millet. *Pantnagar Jour. Res.* 21 (2): 234-238.
144. Singh, N. K., **Upadhyay, A. K.** Maansi, Kamboj. A., and Kumar, A. (2023). The growth potential of thermophilic *Campylobacter* on various culture media. *Pantnagar Jour. Res.* 21 (2): 267-270.
145. **Upadhyay, A. K.**, Chauhan, R. S., and Singh, N. K. (2023). Meta-analysis of rabies diagnosis tests in dogs. *Pantnagar Jour. Res.* 21 (2): 271-273.
146. Singh, N. K., **Upadhyay, A. K.** Maansi, Kamboj. A., and Kumar, A. (2023). Unveiling the Cultivation Dynamics of Thermophilic *Campylobacters* in Different Culture Media Substrate. *Indian Jour. Vet. Public Health.* 9 (2). 33-36.
147. **Upadhyay, A. K.** and Maansi (2023). Prevalence, Antimicrobial Susceptibility and Risk Assessment of Nontyphoidal *Salmonella* from Healthy and Diarrheic dogs and cat. *Indian Jour. Canine Practice.* 15 (2). 173-180.
148. **Upadhyay, A. K.**, Misra, A., Misra Y. and Mishra, A. K. (2023). Role of nanotechnology in environmental pollution remediation. *Pantnagar Jour. Res.* 21 (3): 401-408.
149. Parmar, T., **Upadhyay, A. K.**, and Rautela R. (2024). Prevalence of haemo-protozoan parasites infection in indigenous and crossbred cattle of Kumaon Tarai region of Uttarakhand. *International Jour. Vet. Sci. Ani. Hus.* 9(1): 373-374
150. Sharma, H., Maansi, **Upadhyay, A.K.**, Singh, N.K., Nagpal, A., Dhial, K. and Kumari, R. (2024). Antibiotic Resistance Profile and Safety Assessment of

- Lactobacillus Acidophilus and Lactobacillus Plantarum Isolated from Milk. Jour. Sci. Res. and Reports. 30 (7):938-45. <https://doi.org/10.9734/jsrr/2024/v30i72203>.
151. Nagpal, A., Maansi and **Upadhyay, A. K.** (2024). Antibiotic resistance genes characterization of nontyphoidal Salmonella serovars of layers. International Journal of Advanced Biochemistry Research 2024; 8(7): 391-395. DOI: <https://doi.org/10.33545/26174693.2024.v8.i7e.1500>.
 152. Aastha, N., Maansi, **Upadhyay, A. K.** and Sharma, H. (2024). Prevalence of Virulence Genes in Non-Typhoidal Salmonella Isolates from Layers in Pantnagar, India. Journal of Advances in Biology & Biotechnology 27 (8):124-32. <https://doi.org/10.9734/jabb/2024/v27i81127>.
 153. Rautela, R., Maansi, Rawool, D. B., **Upadhyay, A. K.**, Kumar, D., Singh, D. K., Tewari, A. K., Rautela, A. and Parmar, T. (2024). Detection of drug-resistant Salmonella serovars and absence of Listeria in the associated organic farm environment. Indian Journal of Animal Sciences 94 (9): 764–769. <https://doi.org/10.56093/ijans.v94i9.130899>
 154. Maurya, S. and **Upadhyay, A. K.** (2024). Microbial contamination in panipuri ingredients and utensils. Pantnagar Jour. Res. 24 (3): 647-650.
 155. Ansari, I., Maansi, Kamboj, A., and **Upadhyay, A. K.** (2025). Isolation and Characterization of Campylobacter and Salmonella Species from Water Sources in Uttarakhand, India: Assessing Colistin Resistance in the Isolates. Veterinaria Italiana, 61(1). <https://doi.org/10.12834/VetIt.3561.26916.3>

Popular/Technical Articles

1. **Upadhyay, A.K.** (1998). Care of animal in rainy season. Indian Farmers Digest. 31(7-8): 37-39.
2. **Upadhyay, A.K.** and Pachauri, S.P. (1998). Pros and cons of minerals interactions in livestock. Pashudhan. 13: 1-2.
3. **Upadhyay, A. K.**, Kumar, M., Sharma, S. P. and Sharma, M. C. (2000). Developments in Chemotherapy of Fasciolosis. Pantnagar Veterinarian. 1: 92-95.
4. **Upadhyay, A. K.**, Sharma, M. C. and Sharma, S. P. (2000). Fasciolosis. Epidemiological studies in India. The Veterinarian. 12: 4-6.
5. Rakesh Kumar and **A. K. Upadhyay** (2001). Anthrax as a bioterrorist. Indian Farmers Digest. 34(12) 40-41.
6. Agrawal, R. K., **A. K. Upadhyay**, Dixit, V. P. and Kumar Mahesh (2001). Salmonellosis in Poultry. Indian Farmers Digest. 35(12) 37-38.
7. Ahuja Varun, **A. K. Upadhyay** Dixit, V. P. and Kumar Mahesh (2001). Tetanus of domestic animals. Indian Farmers Digest 35(12) 44.
8. Rajeev Singh, **Upadhyay, A. K.** and Kumar, Mahesh (2001). Indian Pig Industry- Prospects and challenges in changing global Scenario. Pashudhan. 16: 915-919.
9. Aditi Sharma, **Upadhyay, A. K.** and Kumar, Mahesh (2001). Use of homeopathy in Veterinary Medicine. Indian Farmers Digest. 34 (7-8) 46-48.
10. **Upadhyay, A. K.** (2001). Malignant catarrhal fever. Indian Farmers Digest. 34(7-8) 31-33.
11. Rakesh Kumar, J. P. Singh, S. K. Shukla, **A. K. Upadhyay** and Mahesh Kumar (2001). Role of Vitamin C in Prevention of diseases. Pashudhan 16(10) 1 and 10.
12. Singh, R., **Upadhyay, A. K.** and Kumar, M. (2001). Outlook on buffalo contributions in India. Indian Farmers Digest. 34: 35-38.

13. **Upadhyay, A. K.** and Kumar, M. (2002). Chronic mastitis in animals. *Pantnagar Veterinarian*. 7: 44-47.
14. Agarwal, R., Singh, R. and **Upadhyay, A. K.** (2002). Enzootic bovine Haematuria. *Indian Farmers Digest*. 35: 43-44.
15. Ashwini Singh, **Upadhyay, A.K.**, Mahesh Kumar and J.P. Singh (2002). Some aspects of canine dermatitis. *The Veterinarian*. 26 (1) 4-5.
16. Ritesh Tondan, **Upadhyay, A. K.** and Mahesh Kumar (2002) Oral Immunization: Pros. & Cons. *The Veterinarian*. 26 (1) 12-13.
17. Kumar, R., Singh, J. P., **Upadhyay, A. K.** and Kumar, M. (2003). Epidemiological approach to disease investigation. *The Veterinarian*. 27: 11-13.
18. Sachan, S., **Upadhyay, A. K.** Dixit, V. P. and Kumar, M. (2003). Colibacillosis in poultry. *Indian Farmers Digest*. 36: 31-33.
19. Dwivedi, H. P., **Upadhyay, A. K.** and Kumar, M. (2003). Emerging diseases of poultry in India. *Poultry Punch*. 21. 32-39.
20. Kumar, R., **Upadhyay, A. K.** and Singh S. K.(2003). Mastitis control in dairy herd. *Livestock International*. 7.(12). 15-18.
21. Dwivedi, H. P. Singh S., **Upadhyay, A. K.** and Kumar, M. (2004). Immunodeficiency in poultry. *The Veterinarian*. 28. 1-6.
22. Dwivedi, H. P., Jain, Vikrant, Kumar, M. and **Upadhyay, A. K.** (2004). Importance of Probiotics in Poultry Production. *Poultry Line*. 3: 33-35.
23. Dwivedi, H. P., Kumar, M. and **Upadhyay, A. K.** (2004). Livestock, food security and rural livelihoods. *The Veterinarian*. 28. 1-6.
24. Dwivedi, H. P.; Jain, Vikrant; Kumar, Mahesh and **Upadhyay, A. K.** (2004). Feed safety standard for quality poultry production. *Poultry Home* 15: 14 & 18 & 28.
25. **Upadhyay, A. K.**, Dwivedi, H. P., Jain, V. and Singh, S. (2004). Favus. *Indian Farmers Digest*. 37. 44.
26. Ganesh Parihar, Rajput, M. S. and **Upadhyay, A. K.** (2004). Geographical Information System (GIS): A Tool in Veterinary Epidemiology. *The Veterinarian*. 28 (10). 13-20.
27. Dwivedi, H. P., Kumar, M. **Upadhyay, A. K.** and Singhal G. (2005). Feed security for standard poultry production. *Pantnagar Veterinarian*. 8. 41-45.
28. Singhal G. and **Upadhyay, A. K.** (2005). Homeopathy application in veterinary medicine. *Pantnagar Veterinarian*. 8. 97-100.
29. Jain V., Dwivedi, H. P., Kumar, M. and **Upadhyay, A. K.** (2005). Tentative farm plan for setting up a piggery farm – Part I. *Livestock International*. 9.(10). 21-23.
30. Jain V., Dwivedi, H. P., Kumar, M. and **Upadhyay, A. K.** (2005). Tentative farm plan for setting up a piggery farm – Part II. *Livestock International*. 9.(11). 4-7
31. Dwivedi, H. P., Singh, S. Kumar, M. and **Upadhyay, A. K.** (2005). Risk factors related to morbidity and mortality in pre and post weaning calves. *Indian Dairyman*. 57: 43-48
32. Rajput, M. S., Parihar, G. S. and **Upadhyay, A. K.** (2005). Herbal anthelmintics: a brief account. *Indian J. Field Vet*. 1: 21-22.
33. Awasthi, P. and **Upadhyay, A. K.** (2005). Nature's way of Mastitis Prevention. *Indian J. Field Vet*.1: 23-24.

34. Rajput M. K. S., Kumar, M., **Upadhyay, A. K.** and Singh. (2007). Amla: solution of heat stress in poultry. Poultry line.7: 45-47.
35. Dwivedi, H. P., **Upadhyay, A. K.**, Jain, V. and Singh, S. (2005). Brucellosis a disease of genetic importance. Indian Farmer's Digest. 38: 38-40
36. Mishra, I. S, Gulia, S. and **Upadhyay, A. K.** (2007). Probiotics as Bio-regulators. Pashudhan. 32(11): 3.
37. Mishra, I. S, Gulia, S. and **Upadhyay, A. K.** (2007). New concepts in vaccines. Pashudhan. 32(12): 3.
38. Maansi and **Upadhyay, A. K.** (2013). Transmission and management of *Leptospirosis* in flooded areas. Indian Farmer's Digest. 46: 20-21.
39. Tiwari, R. K. and **Upadhyay, A. K.** (2014). Problems related to poultry farming in Purvanchal. Pashudhan. 40 (09): 3 & 7.
40. **Upadhyay, A. K.**, Ipshita and Prasanna, K. V., (2016). Parasitic zoonoses due to fish eating. Indian Farmer's digest. 49 (1): 31-33.
41. Upadhyay, A.K., **Ipshita** and Maansi, (2016). Increasing incidences of Zoonoses due to climate change. Indian Farmer's Digest. **49 (6)**. 16-18.
42. Trivedi, R. N., Khan, S. U. H., Kumar, N., Saxena, M. K., **Upadhyay, A. K.**, Kumar, A. and Kumar, R. (2016). Biosecurity measures to control poultry borne human Salmonellosis: Need of the hour. Poultry Tech. **10**: 150-153.
43. Singh, P. K. **Upadhyay, A. K.**, and Ipshita (2017). Feeding livestock during feed scarcity. Indian Farmer's digest. 50 (8): 41-44.
44. **Upadhyay, A. K.**, Ipshita and Maansi (2017). Livestock in Indian farming system. Indian Farmer's digest. 50 (12): 41-43.
45. Maansi, Shubham Saini and **Upadhyay, A. K.** (2018). Clean Milk Production - Noteworthy for Livestock Owners and Consumers. Indian Farmer's digest. 51 (05): 31-34.
46. Maansi, Dhayananth, B. and **A. K. Upadhyay** (2018). *Listeria monocytogenes*-a food borne illness in humans. Indian Farmers' Digest. **Vol. 51(08). 42-44.**
47. Maansi and **A. K. Upadhyay** (2019). Caring of cows: A simple approach. Indian Farmers' Digest. August. **Vol. 52 (06).Pg 43-44.**
48. **Upadhyay, A. K.**, Ipshita and Maansi (2020). Seasonal Outbreak of Diseases: Prevention and Control. Indian Farmer's digest. 53 (04): 35-37.
49. **Upadhyay, A. K.**, Maansi, Pooja and Pathak, A. P. (2020). Vector borne zoonotic diseases. Indian Farmer's digest. 53 (11): 35-37.
50. **Upadhyay, A. K.**, Singh N. K., Maansi, and Ajay Kumar (2021). Brucellosis-an occupational Hazardous zoonotic disease. Indian Farmer's digest. 54 (02): 34-37.
51. **Upadhyay, A. K.** and Maansi (2021). Ayurvedic Pioneers in Animal Health and Diseases. Vrikshayurved Farming News, published by Asianagri-History foundation Pantnagar.02 (02): 3-4.
52. **Upadhyay, A.K.**, Maansi and Singh, P. (2022). Role of Livestock in Indian Economy. Indian Farmer's digest. 54 (07): 38-41.
53. Singh, N. K., Kamboj, A., **Upadhyay, A. K.** and Maansi (2022) Lumpy Skin Disease-An Emerging Viral disease of Animal. Pantnagar Veterinarian. 54 (12). 33-37.

54. Singh, N. K., Kamboj, A., Upadhyay, A. K. and Maansi (2022) Mastitis-An Important Production Problem of Milch Animals. Pantnagar Veterinarian. December. 62-66.

Popular articles in Hindi

- 1- उपाध्याय, ऐ. के. (1998). पशुओं का स्वास्थ्य परीक्षण। कियान भारती। मार्च। 26-30।
- 2- उपाध्याय, ऐ. के. (1998). पशुओं को परजरवी से बचाये। कियान भारती। अप्रैल। 6-8।
- 3- उपाध्याय, ऐ. के. (1998). पशुओं के स्वास्थ्य की जानकारी। कियान भारती। मई। 4।
- 4- उपाध्याय, ऐ. के. (1998). परयावरण प्रदूषण एवं पशु स्वास्थ्य। कृषि जागरण। दिसम्बर। 50।
- 5- उपाध्याय, ऐ. के. (1998). वर्षा ऋतु में पशु पालन। कियान भारती। दसम्बर। 4।
- 6- उपाध्याय, ऐ. के. एवं वर्मा एम. सी. (2000). पशुओं के पाचन सम्बन्धी रोग एवं प्राथमिक उपचार। कियान भारती। अप्रैल-मई। 17-18।
- 7- चौहान आर. एस. एवं उपाध्याय ऐ. के. (2000). पशु रोगों के कुछ आर्युवेदिक ईलाज। कियान भारती। अप्रैल-मई। 33-37।
- 8- उपाध्याय, ऐ. के., कुमार एस., दीक्षीत वी. पी. एवं शुक्ला आर. के. (2001). पशु रोगों के कुछ आर्युवेदिक ईलाज। कियान भारती। नवम्बर। 40-41।
- 9- उपाध्याय, ऐ. के. एवं शेखर कं. एस., शर्मा, आर. के. एवं गंगवार, एस. पी. (2002). पशुओं में कम उत्पादकता के कारण एवं उपचार। कियान भारती। अगस्त। 20-23।
- 10- उपाध्याय, ऐ. के. एवं शेखर कं. एस., शर्मा, आर. के. एवं कुमार, एस. (2002). पशुओं में होने वाली सामान्य विषाक्तताएँ एवं प्राथमिक उपचार। पूर्वांचल खेती। सितम्बर। 25-26।
- 11- उपाध्याय, ऐ. के. एवं शेखर कं. एस., शर्मा, आर. के., नाग, एल. एवं यादव, पी. (2002). अधिक उत्पादकता हेतु आवश्यक उपाय व अच्छी नस्ल के बछड़ों का उचित रखरखाव। नर्मदा परिवार। सितम्बर। 14-17।
- 12- उपाध्याय, ऐ. के. (2002). सर्दियों में पशुओं में होने वाला टीकाकरण। पशुपालन संदेश। अक्टूबर-दिसम्बर। 5।
- 13- उपाध्याय, ऐ. के. (2003). पशुओं का लंबड़ी बुखार से बचाव। पशुपालन संदेश। जनवरी-मार्च। 8।
- 14- उपाध्याय, ऐ. के. एवं शेखर कं. एस., शर्मा, आर. के. एवं चन्द्रा, विकास (2003). गर्भवती गायों की देखभाल। खेती। जून। 8।
- 15- उपाध्याय, ऐ. के. एवं शेखर कं. एस., शर्मा, आर. के. एवं चन्द्रा, विकास (2004). धोड़ों में कृमिनाशन। खेती। जनवरी। 5-7।
- 16- उपाध्याय, ऐ. के. एवं श्रीवास्तव, एम. (2004). विष बाजार में जैविक दुग्ध की बढ़ती माँग की पूर्ती दीर्घ कालीन योजना के तहत की। दैनिक जागरण। 02 अक्टूबर। 6।
- 17- उपाध्याय, ऐ. के. (2009). पशुओं में संक्रामक रोगों का नियन्त्रण। पशुधन। 23: फरवरी-मार्च। 6-8।
- 18- उपाध्याय, ऐ. के. (2009). थनैला रोग से बचाव। पशुधन। 24: अप्रैल-मई। 9-10।
- 19- उपाध्याय, ऐ. के. (2009). दुधारु पशुओं का चयन एवं स्वास्थ्य प्रबंधन। पशुधन। 24: जून-जुलाई। 6-8।
- 20- उपाध्याय, ऐ. के. (2009). पशुओं का स्वास्थ्य प्रबंधन। पशुधन। 24: अक्टूबर-नवम्बर। 5-10।
- 21- उपाध्याय, ऐ. के. (2010). मुर्गी पालन के आधुनिक तरीके। पशुधन। 15: मार्च। 6-9।
- 22- उपाध्याय, ऐ. के. (2010). पशुओं में स्वास्थ्य प्रबंधन। कृषि अमृत। 15: मार्च। 9-11।
- 23- उपाध्याय, ऐ. के. (2010). पशु रोगों से धरेलू उपचार। पशुधन। 15: दिसम्बर। 3-8।
- 24- उपाध्याय, ऐ. के. (2010). दुग्ध निर्माण एवं उत्पाद। पशुधन। 15: फरवरी। 8-9।
- 25- उपाध्याय, ऐ. के. (2011) पशुओं की स्वास्थ्य परीक्षा। पशुधन। जनवरी। 16। 7-8।
- 26- सिंह पी के, उपाध्याय, ऐ. के. (2012). पशु रोगों की उपचार विधियाँ। किसान भारती। अगस्त। 20-23।
- 27- उपाध्याय, ऐ. के. (2012). पशुओं में श्वसन तन्त्र के रोग। किसान भारती। नवम्बर। 12-13।
- 28- उपाध्याय, ऐ. के. (2012). पशु रोगों का उपचार। कृषि अमृत। दिसम्बर। 9-12।
- 29- उपाध्याय, ऐ. के. (2013). पशुओं में त्वचा रोग। किसान भारती। जून। 36-39।
- 30- उपाध्याय, ऐ. के. (2013). पशुओं में पेशीय तन्त्र के रोग। किसान भारती। अगस्त। 35।
- 31- उपाध्याय, ऐ. के. (2014). पशुओं में तन्त्रिका तन्त्र के रोग। किसान भारती। जनवरी। 19।
- 32- उपाध्याय, ऐ. के. (2014). पशुओं में उत्सर्जन तन्त्र के रोग। किसान भारती। जनवरी। 29-32।
- 33- मानसी व उपाध्याय, ऐ. के. (2014). स्वच्छ मांस उत्पादन। किसान भारती। जनवरी। 32-35।

- 34- सिंह पी के, **उपाध्याय, ऐ. के.** (2014). रोगी पशु के लक्षणों की पहचान। किसान भारती। अप्रैल। 33–36।
- 35- मानसी व **उपाध्याय, ऐ. के.** (2014). पशुओं के विचित्र रोग एवं निदान। किसान भारती। अगस्त। 36–37।
- 36- मानसी व **उपाध्याय, ऐ. के.** (2014). दूध में मिलावटी तत्व व उनके दुष्प्रभाव। किसान भारती। नवम्बर। 28–29।
- 37- **उपाध्याय, ऐ. के.** व मानसी (2014). पशुओं में जीवाणु जनित रोग। किसान भारती। दिसम्बर। 04–07।
- 38- मानसी व **उपाध्याय, ऐ. के.** (2014). पशुओं में जनन तन्त्र के रोग। किसान भारती। दिसम्बर। 21–22।
- 39- **उपाध्याय, ऐ. के.** व मानसी (2015). पशुओं में विषाणु रोग रू पहचान एवं रोकथाम। किसान भारती। अगस्त। 10–13।
- 40- इशिता, पी. के. सिंह व **उपाध्याय, ऐ. के.** (2016). पशुओं के विभिन्न संक्रामक रोगों से बचाव। खेती। सितम्बर। 10–15।
- 41- मानसी व **उपाध्याय, ऐ. के.** (2016). शीत ऋतु में दुधारू पशुओं की देखभाल। किसान भारती। अक्टूबर। 37–38।
- 42- **उपाध्याय, ऐ. के.** (2017). दूध हेतु पशुपालन की आर्थिक सारिणी। किसान भारती। सितम्बर। 28–29।
- 43- **उपाध्याय, ऐ. के.**, इशिता, दीपक व पी. के. सिंह (2018). स्वच्छ दुग्ध उत्पादन के लिये सावधानियां। किसान भारती। अप्रैल। 10–11।
- 44- **उपाध्याय, ऐ. के.**, पूजा व मानसी (2018). पालतू पशुओं से मनुष्यों में होने वाले संक्रमण। किसान भारती। अप्रैल। 21–23।
- 45- **उपाध्याय, ऐ. के.**, इशिता, मानसी व पी के सिंह (2018). पशुपालन: स्वच्छ दुग्ध उत्पादन के लिये सावधानियां। खेती। अप्रैल। 10–11।
- 46- **उपाध्याय, ऐ. के.**, इशिता, मानसी व पी. के. सिंह (2018). गर्मियों में पशुओं का रख रखाव। खेती। मई। 79–80।
- 47- सिंह, पूजा, **उपाध्याय, ऐ. के.**, व मानसी (2018). किसानों का डेगू से बचाव। किसान भारती। अगस्त। 26–27।
- 48- मानसी, **उपाध्याय, ऐ. के.**, सिंह, पूजा व सिंह, पी. के. (2019). स्वच्छ एवं सुरक्षित दुग्ध उत्पादन का महत्व। किसान भारती। सितम्बर। 33–34।
- 49- मानसी, पूजा सिंह, **उपाध्याय, ऐ. के.**, व सिंह, पी. के. (2020). चिकनगुनिया बुखार। किसान भारती। फरवरी। 42–44।
- 50- मानसी, शर्मा दीपेश, शर्मा, पुनमी, **उपाध्याय, ऐ. के.** (2020). मुर्गियों से होने वाली जुनोटिक बिमारियां एवं उसके निवारण। किसान भारती। अप्रैल। 37–39।
- 51- मानसी, सिंह, पूजा, **उपाध्याय, ऐ. के.** व सिंह पी. के. (2020). पालतू पक्षी से फैलने वाली बिमारियां। किसान भारती। अक्टूबर। 42–43।
- 52- मानसी, शर्मा हिमानी, कुमारी रेनू, **उपाध्याय, ऐ. के.** (2021). पशुओं से मनुष्यों में होने वाले रोग: बचाव के उपाय। किसान भारती। जनवरी। 32–34।
- 53- मानसी, शर्मा हिमानी, कुमारी रेनू, **उपाध्याय, ऐ. के.** (2021). डेयरी व्यवसाय–पशुपालक की आय दुगुनी करने में सहायक। किसान भारती। फरवरी। 36–40।
- 54- मानसी, ईरम, सिंह पी के एवं **उपाध्याय, ऐ. के.** (2022). भेड़ बकरियों के प्रमुख विषाणु जनित रोग। किसान भारती। जनवरी। 42–44।
- 55- मानसी, हर्षिता, आयुषी एवं **उपाध्याय, ऐ. के.** (2022). पालीथीन गायों के लिये धातक। किसान भारती। मार्च। 25–27।
- 56- सिंह, नवल किशोर, मानसी, सिंह, पी के, व **उपाध्याय, ऐ. के.**, (2022). पोषण हेतु कुक्कुट पालन। किसान भारती। अगस्त। 39–44।
- 57- मानसी, **उपाध्याय, ऐ. के.**, अजय कुमार, एवं सिंह, नवल किशोर (2022). बुसेलोसिस एक जुनोटिक **IM**जीज। किसान भारती। सितम्बर। 42–44।

A. Book Written in English

1. **Epidemiology of Thermophilic Campylobacters in Wild Mammals and Birds. (2023).** Published by Lambert Academic Publishing., 120 High Road, East Frinchley, London. **ISBN: 978-620-7-44922-4**

2. **Encyclopedia of Veterinary Diseases (2017).** Published by Write and Print Publications. New Delhi-110015.
3. **Preventive Veterinary Medicine: A Complete Text Book.** (2016). Published by Write and Print Publications. New Delhi-110015.
4. **A Question Bank on Veterinary Science for Competitive Examinations.** (2015). Published by Write and Print Publications. New Delhi-110015.
5. **A Question Bank on Animal Science and Biotechnology for Competitive Examinations.** (2015). Published by Write and Print Publications. New Delhi-110015.
6. **A Text Book of Veterinary Preventive Medicine.** (2005). Published by International book Distribution Co., Lucknow. *Second Edition (2011).*

B. Books Written in Hindi

- ✓ कुक्कुट पालन (2024). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन. ISBN: 789-93-6128-883-8
- ✓ पशुपालन समस्याएं एवं समाधान (2022). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ पशुओं की स्वास्थ्य रक्षा (2011,2013 एवं 2021). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन. तीन संस्कर
- ✓ भैंस पालन एवं दुग्ध उत्पादन व्यवसाय (2012). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ वानस्पतिक औषधियों से पशु रोगों की चिकित्सा (2007). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ बकरी पालन (2005). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ भेड़ पालन (2005). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ सरल बकरी पालन (2002). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ गोपालन समस्याएं एवं समाधान (2002). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ सूकर पालन समस्याएं एवं समाधान (2002). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.
- ✓ कुक्कुट पालन समस्याएं एवं समाधान (2002). गों. ब. पन्त कृषि एवं प्रोद्योगिकि विश्वविद्यालय प्रकाशन.

C. Chapter in English books

1. **Upadhyay, A. K., Singh, A. K. and Prasad A. (2023).** Comparative Treatment of mastitis. Mitigation strategies for animal diseases. Edited by Dr. Prakash Bhatt, Indian society for Veterinary Medicine and College of Veterinary and Animal Sciences, G.B.P.UA&T, Pantnagar, Uttarakhand. ISBN: 978-93-91664-14-5. Pp: 99-125.
2. **Upadhyay, A. K. (2021).** Pollution. In a book on 'Tutorials in Veterinary and Animal Sciences' (Under ICAR SC SP scheme) published by College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: 978-81-952124-5-3. Pp-129-132.
3. **Upadhyay, A. K. (2021).** Climate Change and Animal Health. In a book on 'Tutorials in Veterinary and Animal Sciences' (Under ICAR SC SP scheme) published by College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: 978-81-952124-5-3. Pp-133-135.
4. **Upadhyay, A. K. (2021).** The Effects of Industrialization on Animals. In a book on 'Tutorials in Veterinary and Animal Sciences' (Under ICAR SC SP scheme)

- published by College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: 978-81-952124-5-3. Pp-136-137.
5. **Upadhyay, A. K. (2021).** Key Factors Affecting Milk Production and Quality. In a book on 'Tutorials in Veterinary and Animal Sciences' (Under ICAR SC SP scheme) published by College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: 978-81-952124-5-3. Pp-137-138.
 6. Maansi, A. K. Upadhyay, Meena Mrigesh, Ruokuobeinuo Huozha, Rajeev Ranjan Kumar and Niddhi Arora (2020). **Rabies: A Zoonotic Disease.** In a book on 'Rabies: A Threat Still to be Managed' published by Department of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: **978-93-5419-440-5**. Pp-13-29.
 7. **A.K. Upadhyay,** Himani Sharma, Maansi, Nawal Kishor Singh, Pooja Singh, Roma, Sana Parveen, Sanower, Iram Ansari and Ajay Kumar (2020). Rabies Control in India: A Glance. In a book on 'Rabies: A Threat Still to be Managed' published by Department of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences G.B. Pant University of Agriculture and Technology Pantnagar-263145. ISBN: **978-93-5419-440-5**. Pp-1-12.
 8. **Upadhyay, A. K.,** Maansi, and Pooja (2020). Campylobacteriosis: Status and Management. In Perspectives and Challenges of One Health Approaches. Edited by. Singh, R., Singh, A. P., Sharma, B., Jain, U. and Parul. Published by APHV 2020. Pp-42-49.
 9. Kumar A. Kumar, M. S., Dhanze, H., **Upadhyay, A. K.** and Sivakumar V. (2018). Veterinary Public Health in India: Challenges and Opportunities. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-04-07.
 10. Vatsya, S., Sharma, D. and **Upadhyay, A. K.** (2018). Emerging and re-emerging parasitic diseases: causes and prevention strategies. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-33-38.
 11. Vijay J. J., Sharma, H., Maansi and **Upadhyay A. K.** (2018). Aflatoxins: The threat of global concern. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-85-87.
 12. **Upadhyay, A. K.,** Nagpal, A., Maansi and Niddhi Arora (2018). Animal Welfare – A significant issue. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-91-95.
 13. Maansi, Hussain, S. **Upadhyay, A. K.,** Saini, S. and Dhayananth, B. (2018). Globally Emerging Salmonella serovars in Poultry. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of

Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-96-100.

14. **Upadhyay, A. K.**, Saini, S., Maansi, Dhayanath, B. and Hussain, S. (2018). Nipha Virus infection: An Impending Pandemic threat. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-105-108.
15. Srivastva, A. K., Singh, P., **Upadhyay, A. K.**, Maansi and Saini, S. (2018). Antimicrobial Resistance: Threat for Health. In Current Topics in Veterinary Public Health and Zoonoses. Edited by Upadhyay *et al.* Published by Department of Veterinary public health & Epidemiology, G. B. Pant University of Agriculture and Technology, Pantnagar. ISBN No.978-93-84970-06-2. Pp-113-116.
16. **Upadhyay, A. K.** and Maansi (2017). Emerging and re-emerging infections of public health significance. In Veterinary Public Health: One Health. Published by New Delhi Publishers. New Delhi. **PP-** 117-136.
17. Singh, A. G., Rawat, D., Maansi and **Upadhyay, A. K. (2015)**. Documentation of *Salmonella* serovars isolated from human, animal and poultry based on polymerase chain reaction. In Modern Biotechniques and Biotechnology. Edited by Prof. (Mrs.) Neelima Gupta and Dr. D. K. Gupta. Discovery Publishing House Pvt. Ltd. New Delhi. **PP.** 230-233.
18. **Upadhyay A. K. (2013)**. Examination of Sick Animals and Management of Diseases. In 'Livestock Production and Management', edited by **Kumar S. and Mishra B. K.**, published by 'New India Publishing Agencies' pp. 175-236.
19. Sharma, M. C., **Upadhyay A. K.** and Kumar, M. (2009). General Examination. In Text book of Clinical Veterinary Medicine. Published by ICAR. Pp-1-36.

D. Chapter in Hindi books

1. **Pashupalan Samasyaye Ayam Samadhan, (2012)**. In 'Krishi Prasnotary' Published by Directorate of Extension, G. B. Pant University of Agri. & Tech. Pantnagar.
2. **Pashu Rogo Ke Ghareloo Upchar (2010)**. Kishan Diary, Published by G. B. Pant University of Agri. & Tech. Pantnagar.
3. **Bher Bakeri Palan, (2008)**. Kishan Diary, Published by G. B. Pant University of Agri. & Tech. Pantnagar.
4. **Pashupalan Ke Pramukh Bindu, (2007)**. Kishan Diary, Published by G. B. Pant University of Agri. & Tech. Pantnagar.
5. **Dairy Pashupalan, (2006)**. Kishan Diary, Published by G. B. Pant University of Agri. & Tech. Pantnagar.
6. **Pashu Rongo Ki Homeopathic Chikitsa, (2006)**. Kishan Diary, Published by G. B. Pant University of Agri. & Tech. Pantnagar.
7. **Khanij lawan avam vitamin ki kami se hone vale rog, (2003)**. In Suker Palan. Edited by Dr. M. C. Sharma, Pantnagar Publication.
8. **Pashupalan Samasyaye Ayam Samadhan, (2002)**. In 'Krishi Prasnotary' Published by Directorate of Extension, G. B. Pant University of Agri. & Tech. Pantnagar.

E. Books writing in Progress

- Text book of Veterinary Public Health & Epidemiology, (Proposed Title). By Write & Print Publication, Delhi.

F. Book Writing in Hindi

Pasuon Ke Samanya Roag Avam Upchar, By G. B. Pant University of Agri. & Tech. Pantnagar

G. Monograph Written

1. **Monograph on Campylobacter Research (2023).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN; 978-93-5526-980-5.
2. **Monograph on Salmonella (2021).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN; 978-93-5419-739-0.

H. Manual Written

1. Laboratory Manual of Veterinary Public Health and Food Safety, VPE-300 (Unit I & Unit II) in 2021
2. Manual of Veterinary Epidemiology, VEP-411
3. Manual of Veterinary Preventive Medicine, VEP-422 in 2005
4. Manual of Veterinary Preventive Medicine, VEP-512
5. Manual of Veterinary Epidemiology and Zoonoses, VPE-321
6. Manual of Environment and Environmental Hygiene, VPE-511

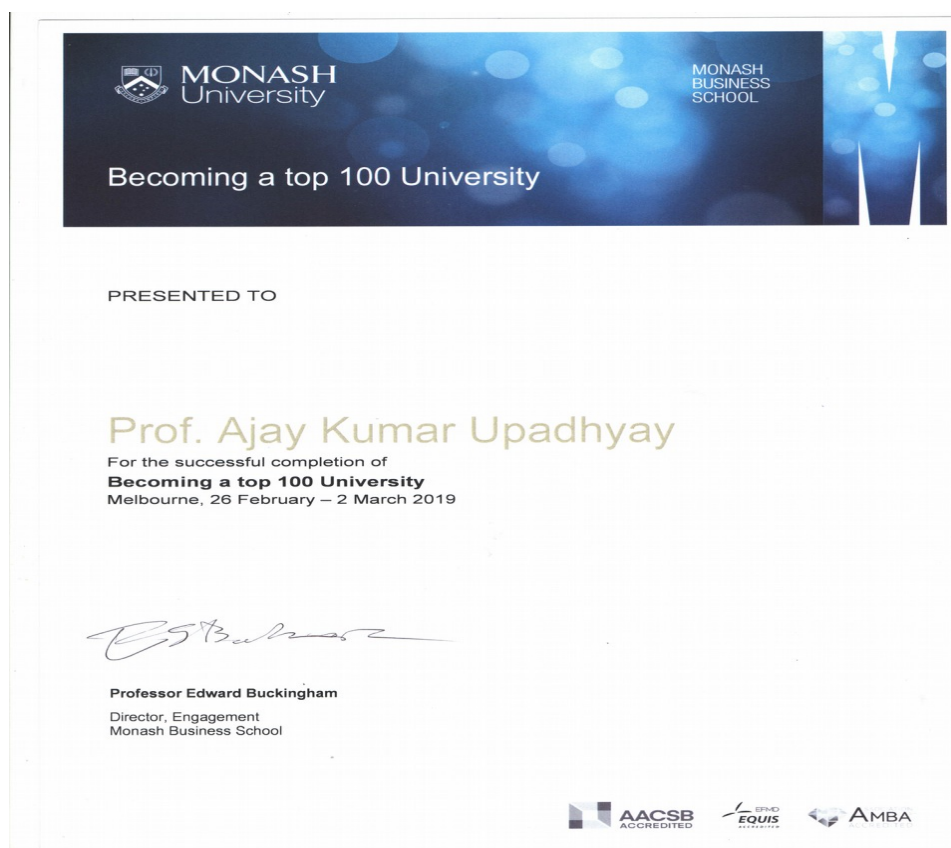
I. Books Edited

1. **Gene-based molecular and bioinformatics tools for research in biotechnology. (2024).** Published by College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-91664-27-5
2. **Addressing AMR and Zoonotic Challenges (2024).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-6128-065-8
3. **Ayurveda: Students Prospective (2023).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-6076-451-7
4. **Laboratory Manual on Mitigation Strategies to Manage AMR and Zoonoses to Ensure Food Safety (2023).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-6076-820-1
5. **Mitigation Strategies to Manage AMR and Zoonosis to Ensure Food Safety (2023).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-6076-563-7
6. **Rabies: A Threat Still to be Managed (2020).** Published by Department of Veterinary Public Health and Epidemiology College of Veterinary and Animal Sciences, G B Pant University of Agriculture and Technology, Pantnagar-263145, India. ISBN No. 978-93-5419-440-5
7. **Current Topics in Veterinary Public Health and Zoonoses (2018).** Published by Pighalta Himalaya Prakasan. J. K. Puram, sector – D, Choti Mukhani, Haldwani – 263139. Uttarakhand. ISBN No. 978-93-84970-06-2



Dr. Ajay Kumar Upadhyay

Some Certificates/Documents



I ILLINOIS
College of Agricultural, Consumer
& Environmental Sciences

CERTIFICATE OF COMPLETION

This certifies that

Ajay Upadhyay

successfully completed an administrator training program at
the College of Agricultural, Consumer and Environmental Sciences (ACES)
at the University of Illinois at Urbana-Champaign.

February 17, 2023

DATE

Mary Arends-Kuenning
MARY ARENDS-KUENNING,
ACTING ASSOCIATE DEAN OF
INTERNATIONAL PROGRAMS

ACES INTERNATIONAL PROGRAMS

COLLEGE OF VETERINARY & ANIMAL SCIENCES

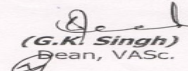
No. VASc./48

Date: 13/1/12

OFFICE ORDER

In pursuance of CPO's order No PMA/ C-V /PF-100 /2397 dated 9-1-2012 Dr. S.P.Singh Prof & Head . Deptt of Veterinary Public health & Epidemiology is hereby relieved from his duties in the afternoon of 13 -1-2012 to enable him to take up his new assignment as Registrar, BAU, Sabour, Bhagalpur, Bihar . The teaching , research and extension work assigned to him in this semester will be shared by the rest of staff member of the department of Veterinary Public Health & Epidemiology . He will handover the complete charge to Dr. A.K.Upadhyay Assoc. Prof. Of Veterinary Public health & Epidemiology before proceeding .

Cc. Dr. S.P.Singh Prof.
✓ Dr. A.K.Upadhyay Assoc. Prof.
Chief Personnel Officer
Comptroller
Esate Officer
Coordinator (Examination) V.A.Sc.
Personal File


(G.K. Singh)
Dean, VASc.

GB PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY

PANTNAGAR – 263145,

OFFICE OF THE CHIEF PERSONNEL OFFICER

No. PMA/C-VI/1863

Dated: March 9, 2018

OFFICE ORDER

In the interest of University work, the competent authority has been pleased to assign additional duty of Establishment Officer to Dr. A.K. Upadhyay, Professor, Deptt. of Vety. Public Health & Epidemiology, College of Vety. & Animal Sciences vice Dr. G.C.Joshi, Assoc. Professor Physics.

Dr. Upadhyay will be entitled to the benefits as approved by the Board of Management for performing such additional duties.

These orders will come into force with immediate effect.


09.03.2018
Addl. Chief Personnel Officer

CC:

1. Dr. A.K. Upadhyay, Professor, Deptt. of Vety. Public Health & Epidemiology, College of Vety. & Animal Sciences
2. Dr. G.C.Joshi, Assoc. Professor Physics
3. All Deans/Directors/Sectional Heads
4. Nodal Officer, MIS Cell
5. Incharge, University Website
6. PS to VC for kind information of the Vice-Chancellor
7. PF (C-V)/C-VI

This is in pursuance of C.P.O. office order no. PMA/C-VI/1944 Dated 28.03.2018 I, Dr. N.S. Jadon, Coordinator, Test and Selection have handed over the charge of Coordinator, Test and Selection to Establishment Officer Dr. A.K. Upadhyay in the forenoon of April 02, 2018.

Handed over by

[Signature]
(N.S. Jadon)
21/4/2018

Taken over by

[Signature]
(A.K. Upadhyay)
21/4/18

Office of the Establishment Officer

No. Est/KSD:....

Dated: 02.04.2018

Copy forwarded for information and necessary action to :

1. Chief Personnel Officer
2. All Deans/Directors/Sectional Heads
3. Registrar
4. Comptroller
5. Nodal Officer MISC
6. In-charge, university Web
7. P.S. to Vice-Chancellor for kind information of the Vice-Chancellor
8. Personal File concerned

[Circular Stamp]
GSD
3.4.19

All Heads / Incharges

[Signature]
Dean, V A Sc.

[Signature]
4.4.18

[Signature]
(A.K. Upadhyay)
Establishment Officer



Campus School Management Committee

Pantnagar - 263145, Distt. U.S. Nagar (Uttarakhand)
(Campus School Affiliated to C.B.S.E. Delhi, School No. 8604
managed by Campus School Society Reg. No.180/1970-1971)

Dr. B. Mohan Kumar
President, CSMC

No. CSMC/68
Date: 18.10.2014

✓ Dr. A. K. Upadhyay
Professor & Head
Deptt. of Veterinary Public Health & Epidemiology
College of Veterinary & Animal Sciences
G.B.P.U.A.&T., Pantnagar

The Hon'ble Patron, Campus School Management Committee has been pleased to assign you the additional responsibility of the Vice-President, CSMC with immediate effect. The charge may be taken up by you from the undersigned. You are advised to become a formal member of the Campus School Society before taking up the charge of Vice-President.

[Signature]
(Dr. B. Mohan Kumar)
President, CSMC

Copy to

1. Secretary, CSMC,
2. Treasurer, CSMC
3. Principal, Campus School
4. PA to The V.C. for kind information to the Patron, CSMC



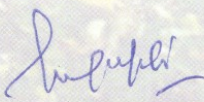
Academy of Sciences for Animal Welfare

*In recognition of outstanding contribution
for advancement of Science
and Welfare*

Dr A K Upadhyay

has been admitted as

Fellow
*of Academy of
Sciences for Animal Welfare*


President



GB PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY
PANTNAGAR – 263145,

OFFICE OF THE CHIEF PERSONNEL OFFICER

No. PMA/C-VI/1863

Dated: March 9, 2018

OFFICE ORDER

In the interest of University work, the competent authority has been pleased to assign additional duty of Establishment Officer to Dr. A.K. Upadhyay, Professor, Deptt. of Vety. Public Health & Epidemiology, College of Vety. & Animal Sciences vice Dr. G.C.Joshi, Assoc. Professor Physics.

Dr. Upadhyay will be entitled to the benefits as approved by the Board of Management for performing such additional duties.

These orders will come into force with immediate effect.


09.03.2018
Addl. Chief Personnel Officer

CC:

1. Dr. A.K. Upadhyay, Professor, Deptt. of Vety. Public Health & Epidemiology, College of Vety. & Animal Sciences
2. Dr. G.C.Joshi, Assoc. Professor Physics
3. All Deans/Directors/Sectional Heads
4. Nodal Officer, MIS Cell
5. Incharge, University Website
6. PS to VC for kind information of the Vice-Chancellor
7. PF (C-V)/C-VI