

Department Name: **Department of Veterinary Public Health & Epidemiology**

In 1966, course for food hygiene was introduced along with Department of Veterinary Pathology. Facilities of Pathology department were being used for undergraduate teaching. Along with time, the subject-matter developed, and horizons of the subject widened. By that time, leading institutes took initiative and established Veterinary Public Health as a subject. The institute was among the first to adopt the change and established “Department of Veterinary Public Health” in 1975. The department was established with a laboratory and a poultry packing plant. The department started offering post-graduate programme in 1979. Veterinary Council of India (VCI) established curriculum for Veterinary Public Health (VPH), and department broadened its education services to undergraduate studies. In 2008, Veterinary Epidemiology subject was brought under the umbrella of Veterinary Public Health, along with new VCI curriculum. Since then, department is renamed as “Department of Veterinary Public Health & Epidemiology”.

Goals:

The department aspires to lead in various aspects of veterinary public health and have been working on them with these goals in its sights:

1. Offer courses and teaching of undergraduate to doctoral students.
2. Carry out research works in various aspects of Veterinary Public Health & Epidemiology including zoonotic aspects of various diseases and infections.
3. Zoonoses and food-borne diseases have been recognized as the major cause of morbidity and mortality in man. The department has therefore decided to undertake future research projects on important animal diseases, which are directly or indirectly communicable to human beings.
4. Milk, meat, and other animal food products are often incriminated as etiology of many food-borne outbreaks. Hence the microbiological investigation of all the animal food products will be tried to help in prevention of such outbreaks, which are occurred because of ingestion of contaminated food products.
5. To prevent the fraudulent practices in meat and meat foods, the rapid differentiation of origin of meat species is important. The work will be undertaken to differentiate the meat of different animal species by using latest molecular tools.
6. Spread the research findings and suggestions to farmers and scientific community. Educate people about zoonoses, public health importance of various diseases through various modes.
7. Provide consultation to Government, private institutions, and help form effective policies regarding various public health aspects.

Research Area and Projects Brief:

Title: **Modernization of Diagnostic Facilities: Zoonotic Diseases and Campylobacteriosis**

Funding Agency: **Government of Gujarat**

Primary Investigator: **Dr. M. N. Brahmhatt**, Professor & Head, Department of Veterinary Public Health & Epidemiology

Co-Primary Investigator: **Dr. J. B. Nayak**, Associate Professor, Department of Veterinary Public Health & Epidemiology

Research Publications:

Research Paper Published in International Journal

- 1 Dubey, S., Brahmbhatt, M. N., Nayak, J. B., Thakur, S., Mistry, U., Chauhan, K., & Patel, R. (2022). COVID-19 and animal infection: A review. *The Pharma Innovation*, **11**(6): 1531-1539.
- 2 Likhitha, P., Nayak, J. B., & Thakur, S. (2022). Prevalence of *Staphylococcus aureus* and Methicillin Resistant *Staphylococcus aureus* in retail buffalo meat in Anand, India. *The Pharma Innovation*, **11**(6): 17-20.
- 3 Thakur, S., Brahmbhatt, M. N., Nayak, J. B., Bhanderi, B. B., Pargi, Z. B., Mistry, U., & Chauhan, K. (2022). Comparison of loop mediated isothermal amplification with polymerase chain reaction for detection of *Staphylococcus aureus* in chevon. *The Pharma Innovation*, **11**(7): 1876-1882.
- 4 Bhavsar, P. P., Brahmbhatt, M. N., Nayak, J. B., Parmar, B. C. Chaudhary, J. H., Gida H. K. & Paghdar, D. M. (2020). Identification of Species of Meat Origin using ATPase Gene Variability by the Polymerase Chain Reaction. *International Journal of Current Microbiology and Applied Sciences*, **9**(6): 1197-1203.
- 5 Gida, H. K., Brahmbhatt, M. N., Bhanderi, B. B., Nayak, J. B., Parmar, B. C., Chaudhary, J. H., Paghdar, D.M., & Bhavsar, P. P. (2020). Phenotypic and Molecular characterization of extended spectrum beta lactamase producing *Escherichia coli* from chicken. *Journal of Entomology and Zoology Studies*, **8**(6): 1094-1097.
- 6 Thakur, S., Brahmbhatt, M. N., Chaudhary, J. H., Parmar, B. C., Mistry, U. P., & Bhong, C. D. (2020). Comparison of Loop mediated isothermal amplification with polymerase chain reaction for detection of methicillin resistant *Staphylococcus aureus* in chevon. *Journal of Entomology and Zoology Studies*, **8**(6): 1976-1980.
- 7 Solanki, K. S., Parmar, B. C., Brahmbhatt, M. N., Nayak, J. B., & Begadiya, H. B. (2019). Cultural and biochemical characterization of *B. cereus* isolates, and multidrug resistant detection of *B. cereus* isolates collected from various chicken shops of market in and around Anand, Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*, **8**(3), 910-915.
- 8 Begadiya, H. B., Nayak, J. B., Brahmbhatt, M. N., Chaudhary, J. H., & Solanki, K. S. (2018). Detection of Virulence Gene and Antimicrobial Resistance Pattern of *Escherichia coli* Isolated from Fresh Water Fish in and around Anand City, Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*, **7**(5): 3347-3354.
- 9 Begadiya, H. B., Nayak, J. B., Mathakiya, R. A., Parmar, B. C., & Solanki, K. S. (2018). Isolation, Biotyping and Serotyping of *Escherichia coli* Isolated from Fresh Water Fish. *Trends in Biosciences*, **11**(29): 3572-3575.
- 10 Bhedi, K. R., Nayak, J. B., Roy, A., Mathakiya, R. A., & Rajpur, R. M. (2018). Detection and Molecular Characterization of Methicillin-Resistant *Staphylococcus aureus* Obtained from Poultry and Poultry House Environment of Anand District, Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*, **7**(2): 867-872.
- 11 Chaudhary, J. H., Nayak, J. B., Brahmbhatt, M. N., Parmar, B. C., Patel, S. A., Rabari, P. D., & Bhavsar, P. P. (2018). Prevalence of *Coxiella burnetii* from Raw Milk Samples

- in and Around Anand. *International Journal of Pure and Applied Biosciences*, **6**(5), 447-451.
- 12 Padher, R. R., Nayak, Brahmhatt, M. N., Patel, S. M., & Chaudhary, J. H. (2018). Seroprevalence Of *Brucella melitensis* among Small Ruminants and Humans in Anand Region Of Central Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*, **7**(3): 3522-3530.
 - 13 Parmar, B. C., Nayak, J. B., Brahmhatt, M. N., Chaudhary, J. H., Patel, S. A., & Gida, H. K. (2018). Prevalence of dermatophytosis in animal and human population with special reference to its zoonotic significance. *International Journal of Pure & Applied Bioscience*, **6**(5): 687-691.
 - 14 Raval, H. S., Nayak, J. B., & Chauhan, N. B. (2019). Rabies: An Important Zoonotic Disease with Special Reference Knowledge of Dog Owners, Gujarat, India. *International Journal of Current Microbiology and Applied Sciences*, **8**(2): 1622-1624.
 - 15 Padher, R. R., Mistry, U. P., Nayak, J. B., Brahmhatt, M. N., & Chaudhary, J. H. (2017). A Study on Microbial Contamination of Mobile Phones in Veterinary Hospital and their Role in Spreading of Diseases. *Trends in Biosciences*, **10**(4): 1209-1211.
 - 16 Padher, R. R., Nayak, J. B., Roy, A., Bhanderi, B. B., Parmar, B. C., & Mistry, U. P. (2017). Seroprevalence Of Brucellosis In Small Ruminants Of Anand District Of Gujarat By Various Serological Methods. *International Journal of Agriculture Sciences*, **9**(30): 4412-4415.
 - 17 Patel, S. N., Brahmhatt, M. N., Nayak, J. B., Chaudhary, J. H., & Bhedi, K. R. (2017). Detection of Virulence Factor Associated Genes of *Campylobacter* spp. from Buffalo Meat in Anand, Gujarat, India. *Trends in Biosciences*, **10**(2): 563-566.
 - 18 Bhedi, K. R., Nayak, J. B., Bhanderi, B. B., Parmar., B. C., & Chaudhary, J. H. (2016). Prevalence and Antibiotic Sensitivity Pattern of *Staphylococcus aureus* Isolates Obtained from Poultry and Poultry House Environment of Anand District, Gujarat. *Advances in Life Sciences*, **5**(12): 5289-5293.
 - 19 Bhedi, K., Nayak, J. B., Brahmhatt, M. N., & Bhadesiya, C. (2016). Elucidation on Tularemia-An Insidious Zoonotic Threat. *Advances in Life Sciences*, **5**(7): 2543.
 - 20 Pal, M., Alemu, J., Mulu, S., Karanfil, O., Parmar, B. C., & Nayak, J. B. (2016). Microbial and hygienic aspects of dry milk powder. *Beverage & Food World*, **43**, 28–31.
 - 21 Chaudhary J.H., Nayak J.B., Brahmhatt M.N., Parmar B.C. Makwana P. P. and Desai N.D. (2016). Antibigram of *Salmonella* spp. Isolated from pork and slaughter house environment in Ahmedabad, Gujarat. *Lifescience Leaflet*, **71**: 117-124.
 - 22 Kaje, V. S., Nayak, J. B., Brahmhatt, M. N., Patel, S. N. AND Desai, N. D. (2016). Detection of virulence factor associated genes of *campylobacter* spp. from pork and slaughter house environment, Gujarat. *Lifescience leaflet*, **71**:110-115.
 - 23 Desai, N. D., Nayak, J. B., Brahmhatt, M. N., Patel, S. N. AND Kaje, V. S. (2015).Detection of virulence factor associated genes of *campylobacter* spp. from cattle in Anand, Gujarat, India. *Lifescience leaflet*, **70**:54-62
 - 24 Raval, H. S., Nayak, J. B., Patel, B. M. and Bhadesiya, C. M. (2015). Zoonotic importance of canine scabies and dermatophytosis in relation to knowledge level of dog owners. *Veterinary World*, **8**(6): 763-767.
 - 25 Makwana P. P., Nayak J. B., Brahmhatt M. N., Chaudhary J. H. (2015) Detection of *Salmonella* spp. from chevon, mutton and its environment in retail meat shops in Anand city (Gujarat), India, *Veterinary World* **8**(3): 388-392.

- 26 Chaudhary J. H., Nayak J. B., Brahmhatt M. N., Makwana P. P. (2015) Virulence genes detection of Salmonella serovars isolated from pork and slaughter house environment in Ahmedabad, Gujarat, *Veterinary World*, **8**(1):121-124
- 27 Modi, S., Brahmhatt, M. N., Chatur, Y. A., Nayak, J. B. (2015). Prevalence of Campylobacter species in milk and milk products, their virulence gene profile and antibiogram, *Veterinary World* **8**(1): 1-8.
- 28 Singh S., Kshirsagar, D.P., Brahmhatt, M.N., Nayak, J.B., Chatur, Y.A. (2015). Isolation and characterization of *salmonella* spp. from buffalo meat samples. *Buffalo Bulletin*, **34**(3): 301-312.
- 29 Parmar, B.C., Brahmhatt, M.N., Nayak, J.B., Dhama, A.J., and Chatur, Y.A. (2015). Prevalence of Tuberculosis in Men and Animals: Confirmation by Cultural Examinations, Tuberculin Tests and PCR Technique. *Journal of Foodborne and Zoonotic Diseases*, **2**(3): 36-44.
- 30 Chatur, Y. A., Brahmhatt, M. N., Modi, S., and Nayak, J. B. (2014). Fluroquinolone resistance and detection of topoisomerase gene mutation in Campylobacter jejuni isolated from animal and human sources. *Int.J.Curr.Microbiol.App.Sci.* **3**(6): 773-783.
- 31 Kshirsagar, D. P. Sinha, N., Brahmhatt, M.N. and Nayak, J.B. (2014). Detection of Potentially Pathogenic E.coli 0157H7 in Buffalo Meat Sample by Conventional and Molecular Methods. *Int.J.livest.res.* **4**(2):27-32
- 32 Virpari, P. K., Nayak, J. B., Brahmhatt, M. N. and Thaker, H. C (2013). Study on isolation, molecular detection of virulence gene and antibiotic sensitivity pattern of Escherichia coli isolated from milk and milk products. *Vet. World.* **6**(8): 541-545
- 33 Virpari, P. K., Nayak, J. B., Thaker, H. C. and Brahmhatt, M. N. (2013). Isolation of pathogenic Escherichia coli from stool samples of diarrhoeal patients with history of raw milk consumption. *Vet. World.* **6**(9): 659-663
- 34 Thaker, H. C., Brahmhatt, M. N. and Nayak, J. B. (2013). "Isolation and identification of Staphylococcus aureus from milk and milk products and their drug resistance patterns in Anand, Gujarat" *Vet. World.* **6** (1): 10-13.
- 35 Thaker, H. C., Brahmhatt, M.N. and Nayak, J. B. (2012). "Study on occurrence and antibiogram pattern of Escherichia coliform raw milk samples in Anand, Gujarat, India" *Vet. World.* **5**(9) P. 556-559.
- 36 Nayak, J. B., Brahmhatt, M. N. and Sadariya K. (2012) Studied on in-vitro sensitivity and resistance pattern of Listeria spp. From raw meat against antibacterial drugs. *Pharma Science Monitor.* **3**(2):103-117.
- 37 Mathakiya, R. A., Roy, A. and Nayak, J. B. (2011) Characterization of Listeria monocytogenes isolates by CAMP test. *Vet. World.* **4**(7): 301-303.
- 38 Nayak, J.B., Brahmhatt, M. N., Savalia, C.V., Pal, M. and Bhanderi, B.B. (2010) Cryptococcosis: A Garded Mycosis Threat. *Research Journal of Veterinary Science*, **3**(2): 101-112.
- 39 Parmar, B.C., Brahmhatt, M.N., Dhama, A.J. Nayak, J.B. and Chatur, Y.A. (2010).Molecular identification of Mycobacterium tuberculosis and Mycobacterium bovis by PCR. *The Vets Communication.* **7**: 29-33.
- 40 Kalyani, H., Tajpara, M. M., Jhala, M.K., Bhanderi, B.B., Nayak, J.B. and Purohit, J.H. (2010). Characterization of the ICP4 gene in pathogenic Marek's disease virus of

- poultry in Gujarat, India, using PCR and sequencing. *Veterinarski Archiv*, **80**(5) P. 683-692
- 41 Nayak, J.B., Savalia, C.V., Bhong, C.D. Roy, A. Kalyani, I.H. and Parmar, B.C. (2010) Detection and characterization of *Listeria* species from buffalo meat. *Buffalo Bulletin* **29**(2): 83-87.
- 42 Nayak, J.B., Brahmabhatt, M.N., Savalia, C.V., Roy, A., Kalyani, I.H. and Parmar, B.C. (2009). Prevalence of *Listeria* spp. in raw meat. *Buffalo Bulletin*, Thailand. **28**(1): 20-24.
- 43 Brahmabhatt, M. N., Varasda, R.N., Bhong, C.D., and Nayak, J. B. (2009). Seroprevalence of *Brucella* Spp. in Buffaloes in the central Gujarat region of India. *Buffalo Bulletin* **28**(2): 73-75

Research Paper Published in National Journal

- 1 Dubey, S., Brahmabhatt, M. N., Nayak, J. B., Thakur, S., & Patel, N. (2022). Foot and Mouth Disease in India: A Review with Insights from OIE Guidelines. *Raksha Technical Review*, **XI**(2).
- 2 Parmar, N. N., Brahmabhatt, M. N., Parmar, B. C., Goswami, M., Thakur, S., & Dubey, S. (2022). Study on Prevalence and Antibiotic Profiling of *Enterococcus* Spp. from Chicken Meat. *Indian Journal of Veterinary Sciences & Biotechnology*, **18**(4): 64-67.
- 3 Patel, V. V., Nayak, J. B., Bhavsar, P. P., Anjaria, P. A., Brahmabhatt, M. N., Parmar, B. C., ... & Soni, M. M. (2022). Compositional, Sensory and Quality Parameters of Chicken Patties Prepared with Carrots. *Indian Journal of Veterinary Sciences & Biotechnology*, **18**(4): 120-123.
- 4 Prajapati, B. R., Parmar, B. C., Bhandari, B. B., Brahmabhatt, M. N., Nayak, J. B., & Chaudhary, J. H. (2022). Anti-Microbial Susceptibility Pattern of Extended Spectrum Beta-Lactamase (ESBL) Producing *Klebsiella* spp. Isolated from Chevron Marketed in Anand, Gujarat. *Indian Journal of Veterinary Sciences & Biotechnology*, **18**(2): 72-75.
- 5 Soni, M. M., Anjaria, P. A., Bhavsar, P. P., Nayak, J. B., Chaudhary, J. H., & Brahmabhatt, M. N. (2022). Isolation and Molecular Detection of *Enterococcus faecalis* from Cow Milk of Anand City with Special Reference to Biofilm Production and Multiple Drug Resistance. *Indian Journal of Veterinary Sciences & Biotechnology*, **18**(4): 6-9.
- 6 Dubey, S., Brahmabhatt, M. N., Singh, R. V., Gupta, B., Sharma, N., Patel, R., & Reddy, B. M. (2021). Epidemiology and Techno-economical Aspect of Haemorrhagic Septicaemia in India: A Review. *Raksha Technical Review*, **XI**(1): 6-16.
- 7 Modh, K. S., Parmar, B. C., Chaudhary, J. H., Bhandari, B. B., Nayak, J. B., Thakur, S., Pargi, Z. B., & Patel, N. M. (2021). Molecular Detection of *Klebsiella* spp. from Poultry Meat. *Indian Journal of Pure and Applied Bioscience*, **9**(1): 511-518.
- 8 Paghdar, D., Nayak, J., Mathakiya, R. A., Parmar, B. C., Gida, H. K., & Bhavsar, P. P. (2020). Isolation and Molecular Characterization of Extended Spectrum Beta Lactamase Producing *Escherichia coli* from Milk. *Journal of Animal Research*, **10**(1): 143-148.
- 9 Parmar, B. C., Brahmabhatt, M. N., Nayak, J. B., Chaudhary, J. H., & Patel, A. (2017). Crimean-Congo Haemorrhagic Fever: A fatal viral zoonotic disease. *Trends in Veterinary and Animal Sciences*, **4**, 4-6.

- 10 Chaudhary, J. H., Nayak, J. B., Brahmhatt, M. N. and Makwana, P. P., (2015). Prevalence of salmonella species isolated from pork and slaughter house environment in Ahmedabad, Gujarat, *Indian veterinary journal*. **92**(9): 72-73.
- 11 Makwana, P. P., Nayak, J. B., Brahmhatt, M. N. and Chaudhary, J. H. (2015). Antibioram patterns among salmonella spp. Isolated from chevon and mutton in Anand city (Gujarat), India. *Indian veterinary journal*. **92**(12): 84-86.
- 12 Parmar, B.C., Brahmhatt, M.N., Dhami, A.J. and Nayak, J.B.(2014). Isolation, Characterization and Antibiotics Sensitivity Pattern of *Staphylococcus aureus* from Man, Animal and Environment. *Sch J Agric Vet Sci.*, **1**(4):173-179.
- 13 Kshirsagar, D.P., Brahmhatt, M.N., Nayak, J.B. and Singh, S. (2012). Isolation and Characterization of Enteropathogenic *Vibrio parahaemolyticus* from Fish along the costal Parts of Gujarat. *Journal of Veterinary Public Health*. **10**(2): 103-106
- 14 Nayak, J.B., Brahmhatt, M. N., Mathakia, R.A., Savalia, C.V., Hadia, K. and Parmar, B.C. (2012). "Occurrence of *Listeria monocytogenes* in raw market meat of Anand district of Gujarat, *Indian Journal of Animal Research*, **2**(1): 73-80.
- 15 Brahmhatt, M.N.; Varasada, R. N.; Bhong, C.D. and Nayak, J. B. (2009). Seroprevalence of Occupational Brucellosis in Humans. *The Royal Veterinary Journal of India*. **5**: 48-50
- 16 Varasda, R.N., Brahmhatt, M. N., Nayak, J. B. and Bhong, C.D. (2009). Seroprevalence of Brucellosis in Cattle of Central Gujarat. *Journal of Veterinary Public Health*. **7**(1): 67-68

Papers Presented/Published In International Symposia

- 1 Brahmhatt, M. N.; Savalia, C. V.; Nayak, J. B. and Smita. (2008). The etiological significance of fungal agents in human and animals. Paper presented at International Symposium on "Food Safety, Quality Assurance & Global Trade: Concerns and Strategies" organized by College of Veterinary and Animal Science, Pantnagar during 7th to 9th November 2008.
- 2 Savalia, C. V.; Brahmhatt, M. N.; Nayak, J. B.; Chatur, Y. A. and Smita. (2008). Assessments of coliform counts in drinking water supplies. Paper presented at International Symposium on "Food Safety, Quality Assurance & Global Trade: Concerns and Strategies" organized by College of Veterinary and Animal Science, Pantnagar during 7th to 9th November 2008.
- 3 Nayak, J. B.; Brahmhatt, M. N.; Savalia, C. V.; Bhong, C. D. and Chatur, Y. A. (2008). Prevalence of *Escherichia coli* in market meats. Paper presented at International Symposium on "Food Safety, Quality Assurance & Global Trade: Concerns and Strategies" organized by College of Veterinary and Animal Science, Pantnagar during 7th to 9th November 2008.

Research Papers Presented in National Symposia

- 1 Brahmhatt, M.N. Parmar, B.C. Nayak, J.B. and Chatur, Y.A. (2011). Molecular diagnosis of tuberculosis in human and animals. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 105

- 2 Brahmbhatt, M.N. Parmar, B.C. and Nayak, J.B. (2011). Studies on prevalence of bovine tuberculosis in pure bred holstein animals. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 105
- 3 Tayde, T.S. Kshirsagar, D.P. Sinha, N. Singh, S., Thaker, H. Tare, A.B. Chatur, Y.A. Nayak, J.B. and Brahmbhatt, M.N. (2011). Incidence of Salmonella species in commonly sold milk products in Anand city. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 148
- 4 Dhande, M., Brahmbhatt, M.N. Tekale, A.A. Sonar, S.S., Kshirsagar, D. P., Sinha, S.N., and Nayak, J.B. (2011). Aeromonas spp. contamination in milk samples from in and around Anand city. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 151
- 5 Sinha, N., Singh, S., Kshirsagar, D.P., Chatur, Y.A. Tayde, R.S. Tare, A.B. Thaker, H. Brahmbhatt, M.N. and Nayak, J.B. (2011). Detection of E. coli from retail market eggs at Anand (Gujarat). Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 153
- 6 Sonar, S.S. Brahmbhatt, M.N. Tekale, A.A. Dhande, M.S., Kshirsagar, D.P. Savalia, C. V. and Nayak, J.B. (2011). Microbiological quality of market milk and milk products as related to Listeria spp. contamination. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 153
- 7 Sonar, S. S., Brahmbhatt, M.N. Tekale, A.A. Singh, S. Sinha, N. Savalia, C.V. and Nayak, J.B. (2011). Comparison of media for the recovery of Listeria spp. from milk and milk products. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. Page 154
- 8 Tekale, A.A. Savalia, C.V. Sonar, S.S. Singh, S. Brahmbhatt, M.N. and Nayak, J.B. (2011). Study on public health hazard of Salmonella from eating raw fish. Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. page 157
- 9 Singh, S., Sinha, N., Kshirsagar, D.P., Chatur, Y.A., Tayde, R. S., Tare, A.B. Thaker, H. Brahmbhatt, M.N. and Nayak, J.B. (2011). Determination of prevalence of Salmonella from retail market eggs at Anand (Gujarat) Paper presented at National symposia on "Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health" Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011. page 157
- 10 Sinha, N., Singh, S., Kshirsagar, D.P., Chatur, Y.A., Tayde, R.S., Tare, A.B., Thaker, H., Brahmbhatt, M.N. and Nayak, J.B. (2011). Assessment of drinking water quality at Anand Paper presented at National symposia on "Veterinary Public Health: New

- Horizon for Integrating the Animal Production, Food Safety and Human Health” Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011.page 158
- 11 Kshirsagar,D.P., Sinha,N., Singh. S., Tare,A.B., Thaker,H., Tayde,R.S., Chatur,Y.A.Nayak, J.B. and Brahmhatt, M.N. (2011). Study on occurrence and antibiogram pattern of Staphylococcus aureus isolated from the fish and beef samples Paper presented at National symposia on “Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health” Organized by Bombay Veterinary College, Parel, Mumbai during 28th & 29th January, 2011.Page 159
 - 12 Nayak, J.B.; BrahmhattM. N.; Savalia, C.V.; Chatur, Y.A.; Sonar S. and Tyder.(2009). Antibiotic sensitivity pattern of Listeria isolates recovered from raw meat. Paper presented at National symposia on Xenobiotic residues and food safety and Pharmacogenomics and toxicogenomics: New horizons in veterinary pharmacology and toxicology. Organized by veterinary college, Anand during 5-7 November 2009. P.195
 - 13 Nayak, J.B.; Brahmhatt, M.N.; Savalia, C.V.; Dhande, M.S.; Mhatre, S.D.and Tekale, A.A.(2009). Antibiogram of Escherichia coli isolated from raw mutton samples. Paper presented at National symposia on Xenobiotic residues and food safety and Pharmacogenomics and toxico-genomics: New horizons in veterinary pharmacology and toxicology. Organized by veterinary college, Anand during 5-7 November 2009. P.196
 - 14 Sonar S.; Tekale, A.A.; Brahmhatt, M.N.; SavaliaC.V. and Nayak, J.B. (2009). Invitro antibiotic sensitivity pattern of Vibrio parahaemolyticus from raw fish samples. Paper presented at National symposia on Xenobiotic residues and food safety and Pharmacogenomics and toxicogenomics: New horizons in veterinary pharmacology and toxicology. Organized by veterinary college, Anand during 5-7 November 2009. P.199
 - 15 Sonar S.; Tekale, A.A.; Chatur, Y. A., Brahmhatt, M.N.; Savalia, C.V. and Nayak, J.B. (2009). Isolation and Identification of Vibrio parahaemolyticus from fish samples collected from local market in Anand city. Paper presented at National symposia and 8th conference of Indian association of Veterinary Public Health Specialists. Organized by ICAR research Complex, NEH region, Sikkim Centre, Gangtok Sikkim during, November 2009.
 - 16 Tekale, A.A., Sonar S.; Dhande, M.S., Brahmhatt, M.N.; Savalia, C.V. and Nayak, J.B. (2009). Occurrence of Staphylococcus aureus and E.coli in fish samples. Paper presented at National symposia and 8th conference of Indian association of Veterinary Public Health Specialists. Organized by ICAR research Complex, NEH region, Sikkim Centre, Gangtok Sikkim during November 2009.

Popular articles (Technical and local language publication)

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