**RESEARCH PUBLICATIONS OF DR. B.C.PARMAR**

**ASSOCIATE PROFESSOR, L.R.S, A.A.U, ANAND**

**(I) Research Publications in International Journals:**

1. Dhami, A.J., **Parmar, B.C**., Trivedi, M.M., Arya, J.S. and Patel, J.M. (2006). Growth, production and reproduction performance of triplebred (Kankrej x HF x Jersey) cattle in Gujarat. *International J. Cow Sci.,* **2**(1): 37-39.
2. **Parmar, B.C**., Pal, M., Dhami, A.J. and Patel, J.M. (2006). Investigation on bovine mastitis caused by *Staphylococcus aureus.* *International J. Cow Sci.,* **2**(1): 52-53.
3. Dhami, A.J., **Parmar, B.C**., Raval, R.J., Gupta, R.S. and Trivedi, M.M. (2006). Effect of challenge feeding during summer on the productive and reproductive performance and blood biochemical, metabolic and hormonal profile of crossbred lactating cows. *International J. Cow Sci.,* **2**(2):52-59.
4. Anand, D., Trivedi, M.M., Dhami, A.J., **Parmar, B.C**. and Patel, A.M.(2008). Study on milkability traits of triple crossbred (HF X J X K) cows. *Indian J. Dairy Science*. **61**(5): 369-373.
5. Bhoraniya, H.L., Dhami, A.J., M. Naikoo., **Parmar, B.C**. and Sarvaiya, N.P. (2012). Effect of estrous synchronization protocols on plasma progesterone profile and fertility in postpartum anestrous Kankrej cows. *J. Trop Anim Health Prod.*DOI 10.1007/s11250-011-0057-1.
6. Nayak, J.B., Brahmbhatt, M.N., Savalia, C.V., Roy, Ashish., Kalyani, I.H. and Parmar, B.C.(2010). Detection and characterization of Listeria spp from buffalo meat. *Buffalo Bulletin, Thailan*d. 29(2). 87-88.
7. Nayak, J.B., Brahmbhatt, M.N., Savalia, C.V., Roy, Ashish., Kalyani, I.H. and Parmar, B.C.(2009). Prevalence of Listeria spp. in raw meat. Buffalo Bulletin, Thailand.

**(II)** **Research Publications in National Journals:**

1. **Parmar, B.C**., Pal, M. and Patel, D.M. (2006). “*Staphylococcus aureus*- A major cause of otitis in dogs”. *Indian J. Field Vet*., **1**: 26-27.
2. **Parmar, B.C**., Pal, M. and Dhami, A.J. (2006). *In vitro* antimicrobial drug susceptibility pattern of Staphylococcus aureus strain. *Indian J. Field Vet*., **2**:46-48.
3. **Parmar, B.C.** and Dhami, A.J. (2007). Incidence and management of dermatophytosis (ringworm) in young calves. *Indian J. Field Vet*., **2**(3): 50-52.
4. Raval, R.J., **Dhami, A.J.** and Parmar, B.C. (2007). Effect of extender-additives on motility, viability and acrosomal integrity of triplebred (HF x Jersey x Kankrej) bulls’ spermatozoa during refrigeration preservation (5°C). *Indian J. Anim. Sci*., **77**(9): 825-830.
5. **Parmar, B.C.,** Brahmbhatt, M.N., Dhami, A.J., Nayak, J.B. and Chatur, Y.A. (2011). Molecular identification of *M. tuberculosis* and *M. bovis* by polymerase chain reaction. *Vets communication*, **7**(1): 29-33.
6. Ramakrishnan, A., Dhami, A.J., Naikoo, M., **Parmar, B.C.** and Divekar, B.S. (2012). Comparative efficacy of hormonal protocols for estrous synchronization and fertility response in post partum Anestrous Gir cows. *Indian J. Anim. Reprod* (Accepted).
7. Nayak, J.B., Makhakiya, R.A., Brahmbhatt, M.N., Savalia, C.V., Hadiya, K.K. and **Parmar, B.C.** (2012). Occurrence of Listeria monocytogenes in raw market meat of Anand district of Gujarat, India. *J. Anim. Research*, 2(1): 73-80.
8. Naikoo, M., Dhami, A.J., Ramakrishnan, A., **Parmar, B.C.** and Divekar, B.S. (2014). Monitoring Postpartum plasma minerals profile (Ca, P and Mg) and Fertility without and with estrus synchronization therapies at day 90 in suckled anestrous/ subestrous kankrej cows. *Indian J. Field Vet*., 9(4): 4-11.
9. **Parmar, B.C.,** Brahmbhatt, M.N., Nayak, J.B., Dhami, A.J., and Chatur, Y.A. (2014). 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.
10. **Parmar, B.C.,** Brahmbhatt, M.N., Nayak, J.B., Dhami, A.J., and Chatur, Y.A. (2014). Isolation, Characterization and Antibiotics Sensitivity Pattern  
    of Staphylococcus aureus from Man, Animal and Environment. Scholars Journal of Agriculture and Veterinary Sciences (SJAVS) Accepted and will be published

(III) **Clinical Publications and Review Articles of Dr. B. C. Parmar:**

1. **Parmar, B.C**. and Pal, M. (2006). Nocardiosis in man and animals – An overview. *Indian J. Field Vets*. **2**(2): 62-66.
2. **Parmar, B.C.**, Mandali, G.C., Dhami, A.J., Bhrahmbhat, M.N. and Trivedi, M.M. (2007). Rabies– a fatal viral anthropozoonosis: an overview. *The Vet Communication*, **1**(2): 25-29.
3. Dhami, A.J, Rabari, B.S. and **Parmar, B.C. (**2007). Dystocia due to hydrocephalic fetus in a crossbred cow. *Indian J. Field Vets*., **2**(3): 47-49.
4. **Parmar, B.C.,** Brahmbhatt, M.N., Dhami, A.J. and Trivedi, M.M. (2008). Tuberculosis of human and animals: an overview. *The Vet Communications*, **3** (1): 22-28.
5. Solanki, J.B., Hasnani, J.J., Patel, P.V. and Dhami, A.J. and **Parmar, B.C.** (2009). Leishmaniasis: An overview. *The Vet Communications*, **4**: 16-21.
6. Dhami, A.J., Divekar, B.S., Devalia, B.R., **Parmar, B.C**. and Trivedi, M.M. (2009). Nutritional management of milch animals. *Quarterly Scientific Newsletter*, Alembic, **7**(2): 1-4.
7. **Parmar, B.C.,** Patel, P.V., Dhami, A.J. and Solanki, J.B. (2010). Larva Migrans: An overview. *The Vets Communications*, **5**(1): 22-27.
8. **Parmar, B.C.,** Brahmbhatt, M.N., Dhami, A.J., Nayak, J.B. and Divekar, B.S.(2013). Leptospirosis: A water-borne zoonotic disease of Global importance. *The Blue Cross Book*, **29**:19- 22.
9. **Parmar, B.C.,** Brahmbhatt, M.N., Dhami, A.J., Nayak, J.B. and Chatur, Y.A.(2013). Anthrax: A dreadful zoonotic disease of public health importance. *The Blue Cross Book*, **29**:27-33.
10. **Parmar, B.C.,** Brahmbhatt, M.N., Dhami, A.J., Nayak, J.B. and Divekar, B.S.(2014). Plague: An overview. *The Blue Cross Book*, **30**:99-101.

**ANNEXURE**

**BOOKS/BULLETIN/POPULAR ARTICLES/ MANUAL PUBLISHED By Dr. B.C. PARMAR**

1. Trivedi, M.M., Dhami, A.J. and **Parmar, B.C**. (2007). Milking machine (Dohan yantra): Dairy farms mate anivarya sadhan. *Krushi Govidya*, **6**(3): 23-25.
2. Nayak, J. B., Brahmbhatt, M.N., Savalia, C.V., **Parmar, B.C**. and Kalyani, I. H. (2009). Unalani rutumaa Pashu arogyani Jalavani Karo. Krushi Go Vidya, 22-23.
3. Nayak, J. B., Brahmbhatt, M.N., Savalia, C.V., **Parmar, B.C**. and Bhanderi, B.M. (2009). Leptospirosis vishe jaaniye. Krushi Go Vidya, October, 2009.
4. **Practical Manual:** Meat Science ( LPT- 321)- June 2011, compiled by Dr. R.K. Maurya, Dr. M.N.Brahmbhatt, Dr. J.B.Nayak, **Dr. B.C.Parmar** and Dr. R.S. Tayde
5. **Practical Manual:** Environment and Environmental Hygiene (VPE- 511) – August 2014, compiled by Dr. M.N.Brahmbhatt, Dr. J.B.Nayak and **Dr. B.C.Parmar**

**ANNEXURE**

**Presentations/Contributions in Seminar/Symposia/Conferences**

***(International/National/State Level)***

***Paper presented in XXI Annual Convention of ISVM &National Symposium on “Focusing on Need to Develop New Diagnostic, Therapeutic and Preventive Approaches to Deal with Diseases of Farm and Companion Animal” February 7-9, 2003, Anand.***

1. Arya, J.S., Pal, M., Patel, J.M., Divekar, B.S. and **Parmar, B.C**.(2003) Management of bovine dermatitis with calcium lactate and sulphur sublimatum.

2. Arya, J.S., Divekar, B.S., Trivedi, M.M., **Parmar, B.C**. and Patel, J.M.(2003). Mortality pattern in a crossbred dairy herd.

*Research papers presented in XXII Annual Convention and National Symposium of ISSAR on “Innovative Technologies for Fertility Enhancement in Livestock” held at Veterinary College, JNKVV, Mhow, November 10-12, 2006*

1. Dhami, A.J., **Parmar, B.C**., Raval, R.J. and Trivedi, M.M. (2006). Effect of challenge feeding during summer on the performance and blood biochemical and hormonal profile of crossbred lactating cows.
2. **Parmar, B.C.,** Dhami, A.J., Gupta, R.S. and Raval, R.J. (2006). Effect of challenge feeding during summer on the productive and reproductive performance and blood metabolic profile in crossbred lactating cows.

*Research papers presented in National Symposium of IAAVA and Annual Conference of IVA, held at Institute of Veterinary Biologicals, Dept. of Animal Husbandry, MP State, Mhow, February 7-9, 2007*

1. Parmar, B.C. and Dhami, A.J. (2007). Incidence and management of dermatophytosis (ringworm) in young calves.

***XXIII Annual Convention of ISSAR and National Symposium on “Challenges in Improving Reproductive Efficiency of Farm and Pet Animals” held at Veterinary College, OUAT, Bhubaneswar, 7-9 December 2007***

1. Dhami, A.J., Parmar, B.C., Trivedi, M.M., Sharma, S.K. and Devalia, B.R. (2007). Bioavailability of macro-micro minerals from chelated and non-chelated mineral supplements in lactating triple crossbred cows.

***Papers presented in 24th Annual Convention of ISSAR and National Symposium on* “*Recent Trends and Future Strategies for Improved Reproduction of Livestock, Companion and Wild Animals*” *held at Bangalore from 11 to 13 December 2008***

1. Dhami, A.J., Parnerkar, S., Gupta, R.S., Shankhpal, S.S., Devalia, B.R. and **Parmar, B.C.** (2008). Effect of supplementing Urja (Bypass fat) and unprotected oil on reproduction and economics of lactating crossbred cows.

***Papers presented in International Symposium on “Biotechnologies for optimization of reproductive efficiency of farm & companion animals to improve global food***

***security & human health” and 26th Annual Convention of ISSAR, GBPUAT,***

***Pantnagar, Uttarakhand, November 10-12, 2010***

1. HL Bhoraniya, AJ Dhami, M Naikoo,**BC Parmar** and NP Sarvaiya, (2010). Effect of estrus synchronization protocols on plasma progesterone profile and fertility in postpartum anoestrus Kankrej cows.

***Proceedings of the National Symposia on Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health,*** ***Organized by Department of Veterinary Public Health, Bombay Veterinary College, Parel, Mumbai, January, 28-29, 2011,***

1. Brahmbhatt, M.N., **B.C. Parmar** and J.B. Nayak (2011). Studies on prevalence of bovine tuberculosis in pure bred Holstein animals. pp: 105-.
2. Brahmbhatt, M.N., **B.C. Parmar**, J.B. Nayak and Y.A. Chatur (2011). Molecular diagnosis of tuberculosis in human and animals.
3. J.B. Nayak, Brahmbhatt, M.N., **B.C. Parmar**, and Y.A. Chatur (2011). Detection and characterization of Listeria species from buffalo meat.

***Paper presented in 29th ISVM Convention and National Symposium on “Recent Development in Diagnostics and Therapeutics including Applications of Nenotechnology in Veterinary Medicine, Bombay Veterinary College, Parel, Mumbai, Feb 17-19, 2011.***

1. Naikoo, M., Dhami, A.J., **Parmar, B.C.**, Divekar, B.S. and Ramakrishnan, A. (2011). Medical management of bovine ephemeral fever outbreak.
2. Naikoo, M., Dhami, A.J., **Parmar, B.C**., Divekar, B.S. and Ramakrishnan, A. (2011). Care and management of prepartum genital prolapse in the Gir cow.

***Papers*** *presented in 27th Annual Convention of ISSAR and National Symposium on “****Reproductive Biotechnologies for Augmenting Fertility and Conservation of Animal Species with Special Reference to North Eastern Hill Region****” held at CAU,* ***Selesih, Aizawl, Mizorum,***  *27th to 29th September 2011.*

1. Dhami A.J., Ammu Ramakrishnan, Naikoo,M., **Parmar, B.C.** and Divekar, B.S. (2011). Effect of estrus synchronization protocols on plasma progesterone profile and fertility in postpartum anoestrus Gir cows.

***Paper presented in ISAPM National Seminar “****New Dimensional Approaches for Livestock Productivity and Profitability Enhancement under Era of Climate Change”****, Veterinary College, Anand, Jan, 28-30, 2014.***

1. **B.C. Parmar.,** M.N. Brahmbhatt., A.J.Dhami., J.B. Nayak and Y.A. Chatur (2014). Lowenstein Jensen medium: good for isolation of *Mycobacterium*.
2. **B.C. Parmar.,** M.N. Brahmbhatt., A.J.Dhami., J.B. Nayak and Y.A. Chatur (2014). “PCR based Molecular identification of *Mycobacterium tuberculosis* and *Mycobacterium bovis”*.
3. **B.C. Parmar.,** M.N. Brahmbhatt., A.J.Dhami. and J.B. Nayak (2014).”Isolation and characterization of Staphylococcus aureus from Animal, Man and Environment”.
4. S.V.Shah., **B.C.Parmar**., B.S.Divekar. and P.M.Lunagariya (2014).”Medical Management of Bovine Ephemeral fever”
5. Y.A. Chatur., Modi, shivani., M.N. Brahmbhatt., Ashish Roy., **B.C. Parmar.** andJ.B. Nayak (2014). “Quinolone resistance in Campylobacter isolates from man and animal sources and detection of mutation in topoisomerase genes”.
6. Y.A. Chatur., Modi, shivani., M.N. Brahmbhatt., Ashish Roy., **B.C. Parmar.** andJ.B. Nayak (2014). “Isolation and molecular characterization of Campylobacter isolates cultured from animal and human sources”.

**Training Presentation to Veterinary officers on “Occupational Health Hazards of Livestock Handlers” at NDDB, Anand, Gujarat on 12/08/2014.**

**Abstracts**

**Abstract**: Pal, M., Rao, N., Nauriyal, D.S., Patel, D.M., **Parmar, B.C**. and Gobu, B.(2005).”Dermatitis in a dog caused by Trichophyton rubrum”.

**Abstract**: Pal, M., **Parmar, B.C**., Patel, D.M., Patil, D.B. and Gobu, B.(2005) “Canine mycotic otitis externa due to *Candida albicans”.*

**Abstract**: Pal, M., **Parmar, B.C**., Patel, D.M., Patil, D.B. and Gobu, B.(2005) “Role of *Staphylococcus aureus* in Canine otitis externa”

**Abstract**: **Parmar, B.C**., Pal, M., Brahmbhatt, M.N. and Dhami, A.J. (2005). Nutrient agar is a good medium for isolation of Staphylococcus *aureus.*

**Abstract**: **Parmar, B.C**., Pal, M., Brahmbhatt, M.N. and Dhami, A.J. (2005). Tetracycline is a good chemotherapy for Staphylococcosis*.*

**Abstract**: **Parmar, B.C**., Pal, M., Brahmbhatt, M.N. and Dhami, A.J. (2005). Environmental study of Staphylococcus *aureus.*

**Abstract**: **Parmar, B.C**., Pal, M., Brahmbhatt, M.N. and Dhami, A.J. (2005). Ecological study of Staphylococcus *aureus.*

**Abstract:** Pal, M., **Parmar, B.C**., Patel, J.M. and Savalia, C.V.(2005). Bovine mastitis due to Staphylococcus *aureus*

**Seminar/ Symposium/ Workshop/ Winter school/ Summer school**

1. National seminar on Goat Production(28-29 Jan, 2000)
2. Seminar on “Opportunities in Agriculture, Dairy and Veterinary Sciences under globalization”.(Jan-11, 2006)
3. Conference & Symposium on “Horizons of Veterinary Public Health in Augmenting Veterinary, Medical and Environmental health” organized by Dept. of VPH, IAVPHS (29-30 November, 2007).
4. ICAR sponsored short course on “Molecular diagnosis of Animal tuberculosis with particular reference to recent developments in the tuberculosis research for its diagnosis & prophylaxis” (3rd- 12th Dec. 2007).
5. Orientation Training Programme-GVC (31 August, 2008)
6. State level seminar on Fertility management in Bovine: “Challenges and future prospects- ISSAR, Gujarat Chapter” (February 20, 2009).
7. Technical Seminar on “Role of Livestock sector in Rural Prosperity” of Gujarat organized by AAVCA (December 20, 2009).
8. Scientific seminar on Recent Advances in Goat production and Reproduction (Central Govt. sponsored scheme on Conservation and development of Surti Goat (February, 2011).
9. National Seminar on “Prospects of livestock and dairying in India Under Changing Global Economic Era” (Jan, 17-18, 2013)
10. National Seminar (ASCAD) on “Advances in Animal Health and Application of Biotechnology” and 1st Annual convention of the society for Veterinary Sciences and Biotechnology, College of Veterinary Science, Anand (March 9, 2013)
11. Technical seminar during “Launching Programme of Golden Jubilee celebration” organized by at College of Veterinary Science and Animal Husbandry, Anand (Jan 4, 2014)
12. National Seminar on “New Dimensional Approaches for Livestock Productivity and Profitability Enhancement under Era of Climate Change” (January 28-30, 2014)
13. National workshop on “Veterinary Emergency Response during Drought and Heat Waves” held under the aegis of World Society for the Protection of Animals, New Delhi and National Disaster Management Authority, New Delhi at College of Veterinary Science and Animal Husbandry, Anand (March 20, 2014).
14. One day workshop on “Biomedical Waste Management” organized by Dept. of VPH in collaboration with Gujarat Pollution Control Board at College of Veterinary Science and Animal Husbandry, AAU, Anand (March 25, 2014).
15. One day workshop on “Animal Welfare”- World Veterinary Day-2014, organized by College of Veterinary Science and Animal Husbandry, AAU, Anand (April 26, 2014).
16. National Seminar on “Livestock Breeding Strategies for Productivity Enhancement towards Rural Prosperity” organized by RBRU, College of Veterinary Science and Animal Husbandry, AAU, Anand (August 26-28, 2014).
17. National Seminar on “Wildlife Conservation” organized by Dept. of Veterinary Medicine, College of Veterinary Science and Animal Husbandry, AAU, Anand (September 16-17, 2014).
18. National Workshop on “Rabies Awareness and Celebration of World Rabies Day” organized by Dept. of Veterinary Microbiology, College of Veterinary Science and Animal Husbandry, AAU, Anand (September 28, 2014).

**Member of Science Advisory Board (Membership No. 93060, Nov. 19, 2009)**

**Lectures delivered in “Mahila Pashupalan Talim” at State Agriculture Dept., Anand organized by ATMA Project for Ankalav, Khambhat and Sojitra taluka mahila dairy farmers from 2-22 January 2012.**

**0MP 5ZDFZ4 ALP;LP** sZ\_!ZfP 5X]GF ;\S|DS ZMUMP