

**Bio-data and Publications of  
Dr. P. K. Bharti Scientist, SS (LPM), ICAR-MGIFRI, Piprakothi**

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**Name:** Dr. P K. Bharti

**Designation:** Scientist (SS)

**Discipline:** Livestock Production & Management

**Qualifications:** BVSc.&AH., MVSc, PhD (LPM)

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**Present place of Posting:** ICAR-MGIFRI, Piprakothi (Motihari)

**Publications**

**a) Research Articles:**

1. **P. K. Bharti**, M. L. Kamboj, Amrish Tyagi, R. Basumatary, Suresh Kumar and M.H. Khan. 2011. Economics of Feeding Milk Replacer and Whole Milk in Crossbred Calves. *Indian Veterinary Journal*. **88 (10)**, 43-44.
2. **P. K. Bharti**, M.L. Kamboj and Amrish Tyagi 2012. “Comparative effect of feeding commercial milk replacer and whole milk on growth and feed conversion efficiency of Indian dairy calves” *Indian Journal of Animal Science*. Vol. **82(10)**, 1221-24.
3. **P K Bharti**, Kamboj M L and Kumar P. 2014. Health performance of crossbred Indian dairy calves reared on whey based commercial milk replacer. *Indian Journal of Animal Sciences* 85 (5): 580-83.
4. **P K Bharti**, Dutt T, Patel M and Pandey H O. 2015. Success rate, growth performance and feed efficiency of buffalo calves reared at different feeding programs under semi-intensive systems of rearing. *Indian Journal of Animal Sciences* 85 (3): 320-23.
5. **P K Bharti** , Triveni Dutt, B H M Patel, H O Pandey and A K S Tomar. 2015. Does age at weaning influences behavior of Murrah buffalo calves under semi-intensive management conditions? *Indian Journal of Animal Science* 85 (9): 1031-36.
6. **P K Bharti**, Triveni Dutt, H O Pandey, B H M Patel, K Mahendran, S Kaswan, Probhakar Biswas and V K Upadhyay. 2015. Effect of weaning age on health of Murrah buffalo calves. *Indian Journal of Animal Sciences* 85 (12): 1370-74.
7. **P K Bharti**, Triveni Dutt, B H M Patel, H O Pandey, Mukesh Singh, G K Gaur, Reena Kamal and K K Verma. 2016. Effect of weaning on milking behaviour and temperament of Murrah buffaloes. *Indian Journal of Animal Sciences* 86 (2): 216-20.
8. Reena Kamal, Triveni Dutt, Manjunath Patel, Amitava Dey, Poolangulam Chinnakkan, **Panch Kishore Bharti** and samir Kumar Barari. 2015. Behavioural, biochemical and hormonal responses of heat-stressed crossbred calves to different shade materials. *Journal of Applied Research*, DOI: [10.1080/09712119.2015.1074076](https://doi.org/10.1080/09712119.2015.1074076)
9. G Khargaria, G Kadirvel, S Kumar, S Doley, **P K Bharti** and Mukut Das. 2015. Principal component analysis of morphological traits of Assam Hill Goat in eastern Himalayan India. *The journal of Animal & Plant Sciences*, 25(5): 1251-58.
10. Suresh Kumar, Geetima Barman, G Khargaria, Champak barman, G Kadirvel, S Doley and **P K Bharti**. 2015. Amelioration of weaning stress in crossbred piglets using prebiotic and probiotic supplement. *Indian Journal of Animal Production and management*. Vol 31(1-2): 31-33.

**b) Other publications**

- *Research Abstracts: 64*
- *Lead paper: 2*
- *Popular Articles: 16*
- *Folders: 10*
- *Research Bulletins: 2*
- *Success story: 1*

**Five major sponsored R&D projects completed/handled**

- i. Project entitled “Nutritional management of broiler rabbit utilizing on farm resources” as PI
- ii. Project entitled “Managemental strategies to reduce piglet mortality for optimum pig production” as PI
- iii. Project entitled “Performance and behaviour of growing dairy cattle under modified shelter using different roofing materials” as PI
- iv. Project entitled Development of optimum freezing protocol for cryopreservation of boar semen” as Co-PI
- v. Project entitled Performance of three breed cross for pig productivity and carcass characteristics under subtropical hill ecosystem “as Co-PI

**Technology development/translation/initiation**

- i. Package and practice for management of piglets to reduce mortality under hill ecosystem of Meghalaya
- ii. Registered New breed of goat “*Rohilkhandi*” as applicant
- iii. Evaluated the performance and behavior of crossbred heifers using modified shelter

**D) Training Course / Winter School Attended**

1. Joined 85<sup>th</sup> Foundation Course for Agricultural Research Service (FOCARS) as trainee at NAARM, Hyderabad from 10<sup>th</sup> February, 2009 to 9<sup>th</sup> June, 2009.
2. I took part in winter school on “Livelihood Security through Sustainable Pig Production” at National Research Centre on Pig, Rani, Guwahati, from 25<sup>th</sup> November, 2009 to 15<sup>th</sup> December 2009.
3. “Enhancement of Productivity through Livestock Integrated Farming System” at ICAR Research Complex for NEH Region, Umiam from 2<sup>nd</sup> September to 22<sup>nd</sup> September 2010. (21 days).
4. Attended training program on “Certification of organic products-Livestock” under European Union (EU) - India Capacity Building Initiative for Trade Development from 22<sup>nd</sup> to 26<sup>th</sup> February 2016 organized by APEDA, New Delhi.

**National Symposium/Conference Attended: 4****Teaching experience as course instructor to UG and PG courses at IVRI**

1. LPM 607-08 (1+1): Advance in young animal management for PhD.
2. LPM 111 (2+1): co instructor
3. LPM-122: Mono-gastric and laboratory animals
4. LPM-525: Wild life management
5. LPM 519/520: Sheep and Goat Production & Management
6. LPM-(4+2): Livestock Production and Management

***Award received***

1. Received “Fakhruddin Ali Ahmed Award-2014” for outstanding research in tribal farming systems during 87<sup>th</sup> foundation day ceremony of ICAR at Patna on 25<sup>th</sup> July 2015. This award was conferred to my team which consisted of Dr. Suresh Kumar, Dr G kadirvel, Dr. Sunil Doley and Dr. P K Bharti.
2. *Eight sisters North East Best LPM Research Award 2014*
3. *Smt. Kadambini Devi Award 2014*
4. KIRAN team member award, 2014-15