

PROFILE

DR. V. B. DONGRE, M.V.Sc., Ph.D.

Subject Matter Specialist (Animal Genetics & Breeding)
Livestock Farm Complex, College of Veterinary and Animal Sciences, Udgir
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1. PERSONAL DETAILS

Full Name: **DR. VILAS BHAGWANRAO DONGRE**
Date of Birth: 04-10-1983
Blood Gr. O+ve
Marital status: Married
Permanent Address: At. Babultar, Taluka- Pathari
District- Parbhani – 431506, Maharashtra

2. AREA OF RESEARCH AND SPECIALIZATION

- Genetic analysis of production and reproduction performance of farm animals for further genetic improvement.
- Conservation of indigenous livestock germplasm of the country
- Survey, evaluation and characterization of native breeds of livestock using molecular and phenotypic characters.
- Screening of breeding bulls for chromosomal abnormalities (Karyotyping)
- Statistical Analysis of various production and reproduction parameters of livestock
- Prediction of milk production of dairy animals using different statistical tools.
- Sire evaluation of breeding bulls using different methods.
- Artificial Neural Network and algorithms

3. WORK EXPERIENCE

Position held	Name of the institute	Period
Deputy Manager (NDDDB-SAG PT Project)	National Dairy Development Board (NDDDB), Anand (Gujarat)	08/11/2011 to 11/09/2012

Assistant Professor	College of Veterinary Science and A.H., Junagadh Agricultural University, Junagadh, Gujarat	12/09/2012 14/07/2015
Subject Matter Specialist (Animal Genetics & Breeding)	College of Veterinary and Animal Sciences, Udgir, Dist-Latur (M.S.) Maharashtra Animal & Fishery Sciences University, Nagpur	15/07/2015 to till date

4. EDUCATIONAL QUALIFICATION

Type of Degree	Major Field of Study	Years	OGPA /Class	Name of Institute /University
Ph.D.	Animal Genetics and Breeding	2008- 2012	7.4/10 (First Class)	National Dairy Research Institute (NDRI), Karnal
M.V.Sc.	Animal Genetics and Breeding	2006 -2008	7.3/10 (First Class)	National Dairy Research Institute (NDRI), Karnal
B.V.Sc.& A.H.	Veterinary Science and Animal Husbandry	2001- 2006	6.8/10 (Second Class)	College of Veterinary & Animal Science, Parbhani, MAFSU, Nagpur
Additional qualification				
MS-CIT	Course on Computer Concepts	2016	Qualified	Maharashtra State Board of Technical Education
CCC+	Course on Computer Concepts	2013	Qualified	Sardar Patel Institute of Public Administration, Rajkot, Gujarat
National Eligibility	Animal Production	2012	Qualified	Agricultural Scientists

Test (NET) -2012				Recruitment Board, New Delhi
National Eligibility Test (NET)- 2011	Animal Production	2011	Qualified	

5. AWARD AND HONOURS

Year	Type of Award and Honours	Purpose of the Award/ Honour
2006	National Institute Fellowship	National Dairy Research Institute funded by Indian Council of Agriculture Research (ICAR) during M.V.Sc.
2008	National Institute Fellowship	National Dairy Research Institute funded by Indian Council of Agriculture Research (ICAR) during Ph.D.
2008	Best Poster Presentation award	International Livestock and Dairy Expo (ILDEX) held at New Delhi during 22-24 th Aug-2008
2014	Best Poster Presentation award	42 nd Dairy Industry Conference of Indian Dairy Association, 12-14 Dec, Chennai Trade Centre, Chennai

6. DETAILS OF PROFESSIONAL TRAINING UNDERGONE

Sr. No	Area of Training	Host Institute	Name of sponsor	Year & period
21 days National Trainings programs (Two)				
2	Recent Advances in Bioinformatics for Quality Livestock Production	Madras Veterinary College, Chennai, India	ICAR, New Delhi	2 nd to 22 nd May, 2013
2	Genetic evaluation and multiplication of superior germplasm for genetic improvement in	Centre for Advanced Faculty Training (AG & B), Dairy Cattle Breeding	ICAR, New Delhi	09th to 29th Mar 2016

	livestock	Division, National Dairy Research Institute, Karnal (Haryana)		
3	ISO Methods for detection of <i>Listeria monocytogenes</i> and introduction to PFGE analysis	Nagpur Veterinary College, Seminary Hills, Nagpur from	DBT, New Delhi	16 th to 18 th March-2017
4	Use of Computer and Information Technology in Social Science Research (UCITSSR-2017)	Rajarshri Shahu Mahavidyalaya, Latur, Maharashtra	Rajarshri Shahu Mahavidyalaya, Latur, Maharashtra	08 th April 2017
Other Training Programs				
1	Krishi Mohotsava- 2013	Government of Gujarat	Government of Gujarat	06 to 10 th June-2013
2	Krishi Mohotsava- 2014	Government of Gujarat	Government of Gujarat	26/05 to 09/06/2014
3	Stud Skills and Mind Mapping Training	College of Veterinary Science & Animal Husbandry, JAU, Junagadh	Director of Students welfare, JAU, Junagadh	28 th March- 2015
4	Krishi Mohotsava- 2015	Government of Gujarat	Government of Gujarat	24/04/2015 to 01/05/2015
5	Training on Students Management system software	COVAS, Udgir	COVAS, Udgir	
6	Training on Account	COVAS, Udgir	COVAS, Udgir	

7. CONFERENCES/SEMINARS ATTENDED

Sr. No	Title of the Conference/Seminar	Host Institute	Name of sponsor	Year & period
1	National Conference, Vision 2026- Challenges in Science Communication	National Centre for Science Communicators, New Delhi	National Centre for Science Communicators	26-28 th Nov 2006
2	International Tropical Animal Nutrition Conference	National Dairy Research Institute, Karnal. India.	ICAR, New Delhi	4-7 th Oct 2007
3	International seminar on Poultry	International Livestock and Dairy Expo, New Delhi	ILDEX, New Delhi	22-24 th Aug. 2008
4	National Symposium on Livestock Biodiversity conservation & utilization: Lessons from past & future perspectives	National Bureau of Animal Genetic Resources(NBAGR), Karnal	ICAR, New Delhi	12-13 th Feb 2009
5	National Symposium on Climate change and animal productivity in India	National Dairy Research Institute, Karnal	ICAR, New Delhi	7- 8 th Oct 2010
6	5 th National Seminar on Multi-sectoral Innovations for Rural Prosperity	National Dairy Research Institute, Karnal. India.	ICAR, New Delhi	19-21 th May-2011
7	Different ways of Animal Welfare (Jeevdaya)	College of Veterinary Science & Animal Husbandry, JAU, Juanagdh	Karuna Foundation Trust, Rajkot, Gujarat	03 rd Aug- 2014
8	World Veterinary Day Celebration seminar on Role of Veterinarians in Prevention of Disease & Protection of	College of Veterinary Science & Animal Husbandry, JAU, Juanagdh	Gujarat Veterinary Council, Gandhinagar	27 th April 2013

	Livestock and Human Health			
9	Different ways of Animal Welfare (Jeevdaya)	College of Veterinary Science & Animal Husbandry, JAU	Karuna Foundation Trust, Rajkot, Gujarat	03 rd Aug-2014
10	Stud Skills and Mind Mapping Training	College of Veterinary Science & Animal Husbandry, JAU,	Director of Students welfare, JAU, Junagadh	28 th March-2015
11	One day seminar on Horizons of Hormones in Animal Health	College of veterinary and Animal Sciences Udgir	MAFSU, Nagpur	27th July 2016
12	National Seminar on Recent Advances in Ayurvedic Science	National Ayurveda Students & Youth Association (NASYA) and Shri Dhanwantari Sevabhavi Pratishthan (SDSP)	Udgir, Dist-Latur Maharashtra	26 th Feb-2017
13	National conference on Challenges in Livestock and Poultry production- Solution with Biotechnology	Krantosinh Nana Patil College of Veterinary Science, Shirwal Dist-Satara (M.S.)	Indian Society for Veterinary Immunology and Biotechnology	17 th to 19 th April-2017
14	International two day Workshop on "Genomic Selection for Genetic Improvement in Indian Dairy Animals" organized by BAIF Development Research Foundation	BAIF Development Research Foundation, Pune	DAHD, New Delhi	27 th Nov 2017 to 28 th Nov 2017
15	Modern trends and advances in Animal Sciences	College of Veterinary Sciences and Animal Husbandry, JAU Junagadh	World Bank under IDP	21th - 22nd December 2018

8. RESEARCH ACHIEVEMENTS

i) Extramural Research Project

Sr. No.	Project title	Role	Funding Agency & Amount
1	Characterization and Evaluation of Non- Descript Goat Population of Marathwada and Western Maharashtra	Principal Investigator	Department of Science and Technology (SERB), New Delhi Amount: 25.70 Lakhs

ii) Institutional Projects

Sl. No.	Project title	Role	Year of completion
1	Molecular Characterization of Deoni Cattle using Microsatellite Markers	Principal Investigator	Ongoing
2	Screening of Deoni, Osmanabadi and Marathwadi animals for gross Chromosomal Abnormalities at Cattle Breeding Farm, Udgir	Principal Investigator	Ongoing
3	Study on effect of non-genetic factors on production and reproduction traits in Deoni Cattle	Principal Investigator	2017
4	Prediction of Standard lactation milk yield of Deoni cattle using Artificial Neural Network	Principal Investigator	2016
5	Molecular Charecterization of <i>Interleukin-8</i> (IL-8) Gene in Jaffarabadi Buffalo (<i>BubalusBubalis</i>)	Principal Investigator	2014
6	Molecular characterization of Toll-Like Receptor-4 (TLR-4) gene in Jaffarabadi buffalo (<i>Bubalusbubalis</i>)"	Co- Principal Investigator	2014

iii) Post Graduate Students Advisory Committee

Degree	Name of Students	Year of completion	Designation
M.V.Sc.	Dr. Deepali Lalwani	2014	Member

iv) M.V.Sc/ Ph.D. Thesis Work

Sr. No.	Thesis Title	Degree	Year	Major Guide
1	Modeling Lactation Curve for Sire Evaluation in Sahiwal Cattle	Ph.D.	2008-2012	Dr. R.S. Gandhi, ADG, ICAR, New Delhi
2	Molecular Characterization of Leptin gene in Yak (<i>Bosgrunniens</i>)	M.V.Sc	2006-2008	Dr. Avtar Singh, Principal Scientist, NDRI, Karnal

9. PROFESSIONAL MEMBERSHIPS

1. Life member in Society for Conservation of Farm Animal Biodiversity, NBAGR, Karnal, Haryana, India.
2. Life member Indian Society for Animal Genetics and Breeding, Noida.
3. Life member of Veterinary Council of India (VCI), New Delhi.
4. Registered member of Maharashtra State Veterinary Council, Nagpur, Maharashtra.
5. Life Member of Junagadh Agricultural University Teachers Association, Junagadh, Gujarat
6. Life membership of The Gujarat Association for Agricultural Sciences, Ahmedabad, Gujarat

10. UNDERGRADUATE AND POSTGRADUATE COURSES HANDLED

Sl. No.	Degree	Academic Year	Courses
UNDERGRADUATE			
1	B.V.Sc& A.H.	2012-13	AGB-121 and AGB-211

2		2013-14	AGB-111, AGB-121
3		2016-17	AGB-Unit 3
3	B.V.Sc& A.H.	2012-13	Member, Study circle
4		2013-14	Convener, Study circle
5		2014-15	Convener, Study circle
6	Diploma in A.H.	2014-15	AB-121
7	Fishery Sciences	2018-19	AQ-217
POSTGRADUATE			
7	M.V.Sc.	2012-13	AGB-602 & AGB-605
8		2013-14	AGB-608
9		2014-15	AGB-605
10		2018-19	AGB-601
Doctoral Degree			
1	Ph.D.	2017-18	PGS-503
2		2017-18	PGS-506

11. COMPUTER SKILLS

Sl. No.	Systems	Software
1	Operating systems	Windows OS MSDOS
2	Statistical packages	LSMLW Harvey SPSS SAS MATLAB SYSTAT and Microsoft Excel

12. PUBLICATION LIST

Sl. No	Year	Articles with Journal Details
i) Research Articles		
1.	2018	VB Dongre, LS Kokate, VN Khandait, AG Karpe, VM Salunke, P Patil. 2018. Development of standard lactation milk yield prediction models using monthly milk yield records in Marathwadi buffalo. <i>Indian Journal of Animal Sciences</i> , 88 (2): 242-244
2.	2018	MM Vaidya, SS Kulkarni, VB Dongre, LS Kokate, VN Khandait, SB Kale. 2018. Comparative efficacy of three different methods for prediction of live body weight in small ruminants. <i>Indian Journal of Animal Sciences</i> , 88 (5): 602-605
3.	2018	U T Mundhe, R S Gandhi, D N Das, V B Dongre, A P Singh. 2018. Sire Evaluation Based on First Lactation 305 Day Milk Yield and Monthly Part Lactation Records in Sahiwal Cattle. <i>International Journal of Livestock Research</i> , 8 (9): 228-233.
4.	2018	V.B. Dongre, M.M. Vaidya, S.M. Durge. 2018. Cow slaughter ban: from farmers perspective. <i>International Journal of Agriculture Sciences</i> , 10 (23): 7579 – 7580.
5.	2017	Hardik Sharma, P.U. Gajbhiye, A.L. Ramani, A.R. Ahlawat and V.B. Dongre. 2017. Effect of Non-genetic Factors on Test Day Milk Yield and First Lactation 305 Day Milk Yield in Jaffarabadi Buffaloes. <i>Journal of Animal Research</i> . Vol.7 (2): 325-331
6.	2017	V.B. Dongre, L.S. Kokate, P.V. Jadhav, V.M. Salunke, V.N. Khandait, S.M. Durge and P.V. Patil. 2017. Effect of non-genetic factors on production and reproduction traits in Deoni Cattle. <i>International Journal of Livestock Research</i> , 7 (09), 220-225)
7.	2017	V.B. Dongre, A.R. Ahlawat and G.S. Sonawane. 2017. Molecular Characterization of <i>Interleukin-8</i> (IL-8) gene in Jaffarabadi Buffalo (<i>Bubalus bubalis</i>). <i>International Journal of Livestock Researc</i> , 7(9): 81-84.
8.	2017	V.B. Dongre, L.S. Kokate, V.M. Salunke, S.M. Durge, V.N. Khandait and P.V. Patil. 2017. Artificial Intelligence for prediction of standard lactation milk yield in Deoni cattle. <i>International Journal of Livestock Research</i> , 7(11): 167-173.

9.	2017	V B Dongre, R S Gandhi, V M Salunke, L S Kokate, S M Durge, V N Khandait and P V Patil. 2017. Present status and future prospects of Deoni Cattle. <i>Indian Journal of Animal Sciences</i> 87 (7): 800–803.
10.	2016	A.R. Ahlawat, P.U. Gajbhiye, M.D. Odedra, V.B. Dongre and S.N. Ghodasara. 2016. Effect of Lugol's Iodine on Estrus Induction and Fertility Response in true Anestrus Jaffrabadi Buffaloes. <i>Buffalo Bulletin</i> , Vol 35 (3): 303-305.
11.	2016	H.A. Sharma, P.U. Gajbhiye, A.R. Ahlawat, A.L. Ramani, V.B. Dongre. 2016. Influence of environmental factors on age at first calving in Jaffarabadi buffaloes. <i>Journal of Livestock Science</i> , Vol. 7 (7): 256-259.
12.	2016	H.A. Sharma, P.U. Gajbhiye, A.R. Ahlawat, A.L. Ramani and V.B. Dongre. 2016. Effect of Non Genetic Factors on age at first calving In Jaffarabadi Buffaloes. <i>International Journal of Science, Environment and Technology</i> , Vol. 5(5): 3192 – 3196.
13.	2016	V. B. Dongre, R. S. Gandhi and B. Balasundaram. 2016. Use of lactation curve models for prediction of milk yield in Dairy Cattle. "International Workshop and Conference on Analysis and Applied Mathematics" organised by Department of Mathematics, National Institute of Technology, Trichy (India) during 6-10 June-2016, Pp: 102-108.
14.	2016	B. Balasundaram, V.B. Dongre and V. Jayalalitha. 2016. "International Workshop and Conference on Analysis and Applied Mathematics" organised by Department of Mathematics, National Institute of Technology, Trichy (India) during 6-10 June-2016, Pp: 93-101.
15.	2016	B. Balasundaram, P.C. Sharma, V.B. Dongre, P. Senthil Kumar and V. Jayalalitha. 2016. Interaction among the factors Influencing Incidence of repeat breeder cow syndrome In Crossbred Cows. <i>International Journal of Science, Environment and Technology</i> , Vol. 5, No 6, 2016, 4477 – 4480.
16.	2016	V.B. Dongre and R.S. Gandhi. 2016. Applications of Artificial Neural Networks for Enhanced Livestock Productivity: A Review, <i>The Indian Journal of Animal Science</i> , 86 (11): 1232–1237.
17.	2015	U.T.Mundhe, R S Gandhi, D N Das V B Dongre and Atul Gupta. 2015. Prediction of FI 305 Dmy from monthly part

		lactation milk yield records using artificial intelligence in Sahiwal cattle. <i>Indian Journal of Animal Sciences</i> , Vol 85 (5): 46–00.
18.	2015	U.T. Mundhe, R S Gandhi, D N Das, V B Dongre and Atul Gupta. 2015. Genetic and non genetic factors affecting monthly part lactationmilk yields in Sahiwal cattle, <i>Indian Journal of Animal Sciences</i> , Vol 85 (5): 44–50.
19.	2015	Ahlawat A. R. Ghodasara S. N., Dongre V. B., Gajbhiye P. U., Murthy K. S. Savaliya K. B. and Vataliya P.H. 2015. Estrus Induction and Conception rate with Single and Double Dose of PGF2 α in Jaffrabadi Buffaloes. <i>The Asian Journal of Animal Science</i> , Vol.10 (1): 54-57.
20.	2015	P U Gajbhiye, M R Gadariya, A R Ahlawat and V B Dongre. 2015. Present status and future prospects of Gir cow. <i>Indian Journal of Animal Sciences</i> , Vol. 86 (5): 553–558
21.	2015	A.R. Ahlawat, V.B. Dongre, S.N. Ghodasara, K.S. Murty and P.U. Gajbhiye. 2015. Single and double dose of PGF2 alpha for estrus Induction and Conception rate in Gir Cows. <i>Intas Polivet</i> , Vol. 16:(1):54-56.
22.	2014	A. R. Ahlawat, P. U. Gajbhiye, L. L. L. Prince, A. S. Meena, V. B. Dongre and S. G. Gajjar. 2014. Genetic Polymorphisms in Growth Hormone Gene in Patanwadi, Marwari and Dumba Breeds of Sheep. <i>Indian Journal of Animal Science</i> , Vol.84 (9): 1021–1022.
23.	2014	V. B. Dongre, G. S. Sonawane and A. R. Ahlawat. (2014). Role of Leptin gene in Farm Animals. <i>The Indian Journal of Veterinary Science</i> , Vol. 1(2): 1–10.
24.	2014	V.B. Dongre, Gandhi R.S.and Raja T.V. (2014). Genetic and Phenotypic Parameters of First Lactation Traits in Sahiwal Cattle: A Review, <i>Indian Journal of Veterinary Science</i> , Vol. 2 (1): 21-27
25.	2014	A.R. Ahlawat, S.N. Ghodasara, V.B. Dongre and P. U. Gajbhiye. 2014. Chocolate Toxicity In a Dog. <i>Indian Journal of Veterinary & Animal Science Research</i> , Vol. 43 (6) 452 – 453.
26.	2014	Dongre V. B. and Gandhi R. S. 2014. Comparative Study of Fitting Various Lactation Curve Models in Sahiwal Cattle. <i>Indian Journal of Veterinary & Animal Science Research</i> , Vol. 43(4): 267-272.
27.	2014	Dongre V. B. and Gandhi R. S. 2014. Study on Sire Evaluation Methods In Sahiwal Cattle, <i>Indian Journal of</i>

		<i>Veterinary & Animal Science Research</i> , Vol.43(3): 174-179.
28.	2014	Dongre V. B. and Gandhi R. S. 2014. Genetic and phenotypic parameters of fortnightly test day and first lactation 305-day or less milk yield in Sahiwal cattle. <i>International Journal of Livestock Research</i> , Vol.4 (3):17-21.
29.	2014	V. B. Dongre and R. S. Gandhi. 2014. Use of Lactation Curve Models for Prediction of Milk Yield in Sahiwal Cattle. <i>World Journal of Veterinary Science</i> , Vol. (2): 11-14.
30.	2014	V. B. Dongre, G. S. Sonawane, A.R. Ahlawat and P.H. Vataliya. 2014. Embryo Sexing in Farm Animal by PCR Amplification of Y- Chromosome Specific gene. <i>Raksha Technical Review</i> , Vol 4 (1): 53-56
31.	2014	A.R. Ahlawat, V.B. Dongre and G.S. Sonawane. 2014. Inherited Disorders in Horses. <i>Raksha Technical Review</i> , Vol. 4 (3): 27-33.
32.	2014	V.B. Dongre, A.R. Ahlawat, G.S. Sonawane, P.H. Vataliya and K.P. Singh. 2014. Banni Buffalo: A unique germplasm of Gujarat. <i>Raksha Technical Review</i> , Vol. 4 (4): 40-42.
33.	2013	Dongre V.B., Gandhi R.S., Avtar Singh and Sachdeva G.K., Singh R.K. and Atul Gupta. 2013. Influence of non-genetic factors on fortnightly test day milk yields and first lactation 305-day or less milk yield in Sahiwal cattle. <i>Indian Journal of Animal Research</i> , 47 (2): 181-183.
34.	2013	Dongre V. B., Gandhi R. S., Singh A., Vataliya, P. H., Sonawane, G. S., Ahlawat, A.R and Raja T. V. 2013. Detection of different shapes of lactation curve for milk yield in Sahiwal cattle by different lactation curve models. <i>The Indian Journal of Veterinary Science</i> , 1(1): 8-15.
35.	2013	V. B. Dongre and R. S. Gandhi. 2013. Prediction of first lactation milk yield in Sahiwal cattle using Statistical Models. <i>Tamilnadu J. Veterinary & Animal Sciences</i> , 9 (3): 202-206.
36.	2013	Patil, S. S. , Savsani, H. H., Badhe, S. R., Maharana, B. R., Binod Kumar, Dongre, V. B. And Sonawane, G. S. (2013). Nutritional Requirements and Strategic Feeding Management of Yak (<i>Bosgrunniens</i>) as a vulnerable ruminant in India – a review. <i>Wayamba Journal of Animal Science</i> , Pp 574-577.
37.	2012	V. B. Dongre, Gandhi R. S. and Avtar Singh. 2012. Comparison of different lactation curve models in Sahiwal

		cows. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 36 (6): 723-726.
38.	2012	V.B. Dongre, Gandhi R.S., Avtar Singh and Ruhil A.P. 2012. Comparative efficiency of artificial neural networks and multiple linear regression analysis for prediction of first lactation 305-day milk yield in Sahiwal cattle. <i>Livestock Science</i> , 147: 192-197.
39.	2012	R. S. Gandhi, D. Monalisa, V. B. Dongre, A P Ruhil, Avtar Singh, G K Sachdeva. 2012. Prediction of First Lactation 305-day Milk Yield based on Monthly Test Day Records using Artificial Neural Networks in Sahiwal Cattle. <i>Indian J. Dairy Sci.</i> , 65 (3): 229-233.
40.	2011	Dongre V. B., Gandhi R. S., Avtar Singh, Raja T. V. and R. K. Singh. 2011. Effect of non-genetic factors on weekly test day milk yields and first lactation traits in Sahiwal Cattle. <i>Indian Journal of Animal Research</i> , 45 (2): 139 – 142.
41.	2011	Dongre V. B., Gandhi R. S., Avtar Singh, Raja T. V. and R. K. Singh. 2011. Effect of non-genetic factors on weekly test day milk yields and first lactation traits in Sahiwal Cattle. <i>Indian Journal of Animal Research</i> , 45 (2): 139 – 142.
42.	2011	Balasundaram, B., A. K. Gupta, V. B. Dongre, T. K. Mohanty, P. C. Sharma, KeviletsuKhate and R. K. Singh. 2011. Influence of genetic and non-genetic factors on incidence of post-partum utero-vaginal complications in Karan Fries cows. <i>Indian Journal of Animal Research</i> , 45 (3): 192 – 197.
43.	2011	C. S. Patil, A. K. Chakravarty, Vijay Kumar, V. B. Dongre and Pankaj Kumar. 2011. Non-genetic factors affecting first lactation reproductive traits in Murrah buffaloes. <i>Indian Journal of Animal Research</i> , 45 (3): 162-167.
44.	2011	Balasundaram, B., A. K. Gupta, V. B. Dongre, T. K. Mohanty, P. C. Sharma, KeviletsuKhate and R. K. Singh. 2011. Influence of genetic and non-genetic factors on incidence of calving abnormalities in Karan Fries cows. <i>Indian Journal of Animal Research</i> , 45 (1): 26 – 31.
45.	2011	Dongre V. B., Gandhi R. S., Avtar Singh, Raja T. V. and Balasundaram B. 2011. Genetic and phenotypic parameters of weekly test day milk yields and first lactation traits in Sahiwal Cattle. <i>Indian Journal of Dairy Science</i> , 64 (4): 310-314.

46.	2011	V. B. Dongre, Gandhi R. S., Avtar Singh and Malhotra R. 2011. Prediction of first lactation 305-day and fortnightly test day milk yields using lactation curves models in Sahiwal cattle. <i>International Journal of Agriculture: Research and Review</i> , 1 (2), 87-90.
47.	2011	V.B. Dongre, Balasundaram, B. And A. K. Gupta. (2011) Incidence of post parturient utero-vaginal complications in dairy cattle: a review. <i>Wayamba Journal of Animal Science</i> , No. 1295082777
48.	2011	V.B. Dongre, Gandhi R. S., Avtar Singh and Atul Gupta. (2011). A brief review on Lactation curve models for predicting milk yield and different factors affecting Lactation curve in Dairy Cattle. <i>International Journal of Agriculture: Research and Review</i> , Vol.1 (1): 6-15.
49.	2011	V. B. Dongre, Gandhi R.S., Raja T.V., Avtar Singh and Balasundaram B. (2011).Performance of different first lactation economic traits in Sahiwal cattle: a review. <i>International Journal of Agriculture: Research and Review</i> , Vol., 1 (2): 91-96.
50.	2011	Balasundaram, B., A. K. Gupta and Dongre V. B. (2011). Incidence of calving abnormalities in dairy cattle: a review. <i>Agricultural Review</i> , Vol., 32 (2): 140 – 145.
51.	2009	V. B. Dongre, Avtar Singh, P. P. Dubey, D. S. Gour, Prashant, Goutam Mondal, Ashwani Sharma, B.K. Joshi and Dinesh Kumar. 2009. Molecular characterization of leptin gene in Yak (<i>Bosgrunniens</i>). <i>African Journal of Biotechnology</i> , 8 (5): 760-762.

ii) Book Edited/ Authored

1	2015	A.R. Ahlawat, V.B Dongre and G.S. Sonawane, 2015. Recent Scientific Interventions for Enhanced Bovine Production. <i>Published by Write & Print Publications, New Delhi. (ISBN: 9789384649227)</i>
2	2016	V.B. Dongre and R.S. Gandhi. 2016. Genetics Evaluation of Sahiwal cattle based on Lactation curve models. Lambert Publication, Germany (<i>ISBN-13: 978-3659814150</i>)
3	2017	V.B. Dongre and A.R. Ahlawat. <i>Question Bank for Animal Genetics & Breeding. 2017. Jaya Publishing House, Delhi. (ISBN 9789386110313)</i>

iii) Contribution of Chapters to Books

1	V. B. Dongre and R. S. Gandhi. Breeding Strategies for enhanced milk production in Dairy Animals. <i>Recent Scientific Interventions for Enhanced Bovine Production. Published by Write & Print Publications, New Delhi.</i>
2	V. B. Dongre and A. R. Ahlawat. Climate Change and Strategies for Livestock Improvement. <i>Recent Scientific Interventions for Enhanced Bovine Production. Published by Write & Print Publications, New Delhi.</i>
3	V.B. Dongre and L.R. Barot. Information Network for Animal Productivity and Health (INAPH): a new horizon for animal data recording in India. <i>Recent Scientific Interventions for Enhanced Bovine Production. Published by Write & Print Publications, New Delhi.</i>
4	Ahlawat A.R., Dongre V.B., Gajbhiye P.U., Odedra M.D and Lalwani D.H. Breed Improvement Programmes for Dairy Livestock in India. <i>Recent Scientific Interventions for Enhanced Bovine Production. Published by Write & Print Publications, New Delhi.</i>
5	Ahlawat A. R., Dongre V. B., Sonawane G. S., Vataliya P. H. and Lalwani D.H. Present Scenario of Indian Dairy Sector. <i>Recent Scientific Interventions for Enhanced Bovine Production. Published by Write & Print Publications, New Delhi.</i>

iv) Contribution of Chapter in Training Manuals

1	2013	V. B. Dongre, G. S. Sonawane, A. R. Ahlawat and P. H. Vataliya. 2013. Breeding strategies for improvement of milk production in cattle and buffaloes. ASCAD Training on Transformation of Conventional to Organized Livestock Farming for Improved Productivity, (18-23 Nov) Pp 122-126
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