

Brief Biodata of Prof. (Dr) Dharmeswar Das



Prof. (Dr.) Dharmeswar Das: An Academician, Research and Development management leader holding Academic and Research Management, Administrative and leadership positions as Director & Vice Chancellor (Actg) and Joint Director (Academic) & Dean in Indian Veterinary Research Institute Deemed University, Indian Council of Agricultural Research, Govt. of India, Dean, Assam Agricultural university, Guwahati/Jorhat and Director of state Department of Animal Resources Development (Veterinary & Animal Husbandry), and CEO of Tripura Livestock Development Agency, Govt. of Tripura along with a long period in Teaching positions at College of Veterinary Science, AAU, Khanapara and in College of Veterinary Science & Animal Husbandry, R.K. Nagar, Tripura University at different times.

With his illustrious career Prof. Das contributed immensely in Education, Research & Human Resources development (HRD) and Management (HRM) activities in various fields of Science and Technology particularly in Veterinary science & Animal Husbandry, Biotechnology, Animal Genetics, Breeding and Reproduction, Biodiversity, Environment and wild life conservation.

He also contributed immensely in Transfer of Technology from lab to land with modern approaches and methodologies and instrumental in door step service delivery to the farmers and reaching the unreached. He has also been involved in Skill, Entrepreneurship and leadership development amongst the youths and various down to earth communities and women for self-employment and sustainable livelihood generation.

Presently a National Resource Person of the National Rural Livelihood Mission, Govt. of India and Chairman, Research Advisory Committee, National Research Centre on Mithun, ICAR, GoI, Medziphema, Nagaland and involved in several Technical committees and in “Make in India” programmes on Livestock and Poultry development policy formulation and food processing for meeting the challenges of rural India and North East.

Prof. (Dr.) Dharmeswar Das received many awards and recognitions which includes Professional Excellence Award for outstanding Contribution in Biotechnology (IAWZV), Rashtriya Vidya Saraswati Puraskar from International Institute of Education and Management, Young Scientist scholar award from Canadian International Development Agency, Chartered Biologist and Member of Institute of Biology (C.Biol, M.I.Biol.), U.K., Member of Royal Society of Health (M.R.S.H.), London, ISAG Japan scholarship, Fellow of National Academy of Veterinary Sciences of India (FNAVS), Fellow of Indian Association for Advancement of Veterinary Research (FIAAVR), Chairman, Education Committee, Veterinary Council of India, Govt. of India etc. Best Institution award of ICAR received by Indian

Veterinary Research Institute Deemed University amongst the Agricultural Universities and Institutions while in the position of Dean and Acting Director cum Vice Chancellor.

Prof. (Dr.) Dharmeswar Das was a Post-Doctoral Fellow in the University of Nottingham, U.K. with a Fellowship from Commonwealth Scholarship Commission, UK. He received his Ph.D. degree from Haryana Agricultural University, Hissar and Masters' degree in Animal Genetics and Breeding from Indian Veterinary Research Institute, Izatnagar (Agra University) after doing his B.V.Sc. & A.H. degree from Faculty of Veterinary Science, Assam Agricultural University. He also obtained a Training on Management and Leadership Development Programme and Innovation at IIM, Lucknow-Noida besides 12 (Twelve) other short duration training obtained from institutions in India and abroad which includes Indian Veterinary Research Institute, Izatnagar, National Academy of Agricultural Resource Management (NAARM, ICAR), Hyderabad, Edinburgh University, Scotland, Nottingham University, U.K., Guelph University, Canada etc. in the field of Genetics and Cytogenetics, Dairying, Animal Reproduction, Radio Immunoassay, Laparoscopy, Biological techniques for enhancement of Breeding and Reproduction in animals, Computer Applications, Human Resource and Leadership development, Teaching Methodologies etc.

Prof. (Dr.) Dharmeswar Das has been a Reviewer and Evaluator of Research projects of Department of Science and Technology, Department of Biotechnology, Indian Council of Agricultural Research, Govt. of India and National Fellow projects, Member of Accreditation team of ICAR for accreditation of Agricultural Universities of India, Commissioned Inspector of VCI for recognition of Veterinary University/Colleges in India and Continuing Veterinary Education, Member of the National ICAR Core Group for restructuring of Agricultural Post Graduate and Doctoral degree programmes, Chief Nodal Officer representing North Eastern Region for FAO "Country Report on Animal Genetic Resources" of India, National Convener and Secretary, Fifth Agricultural Science Congress, National Academy of Agricultural Sciences (NAAS), Technical Expert, North East Development Finance (NEDFI) Corporation Ltd. etc.

Research contribution of Prof. (Dr.) Dharmeswar Das includes first ever cloning and characterization of caprine BMP-15 and GDF-9 genes with phylogenetic studies in Black Bengal goat known for higher fecundity, Identification, characterization of Mx1 gene in Assel breed of chicken with variants studies for understanding disease resistance against Avian Influenza (Bird flu), New allelic variants of DRB3.2 gene exploration and amplification of 284bp region to study their association with Mastitis disease tolerance and susceptibility in bovine, Genomic DNA and DNA fingerprinting studies in animals including Asian elephants, Mithun etc., Stem cell research through a Ph.D student where Chicken embryonic fibroblasts were attempted to reprogramme by both polycistronic and monocistronic recombinant viral vectors carrying Yamanaka factors (*Oct4/Sox2/Klf4/Myc*) and by monocistronic recombinant viral vectors carrying Thomson factors (*Oct4/Sox2/Nanog/Lin28*) and reprogramming of chicken somatic cells which provided an insight for the existence of difference in the molecular mechanism of induction and maintenance of pluripotency in chicken species. Cytogenetic studies made and karyotypes of various animal species reported and standardized screening method of selection of bull by karyotyping of chromosomes. Developed breeding strategy for production of suitable crossbred cattle (J x AL), Pigs (Hampshire x Indigenous), and Goats (Beetal

x AL) and recommended Package of practices for breeding management. Developed new models of Integrated and sustainable Farming/production systems, Backyard poultry farming, organic animal production and implemented in field in Tripura.

Prof. (Dr.) Dharmeswar Das acted as Chairman/Member of the Institute Technology Management Committee (ITMC) for Business Management (2006-2011) at Indian Veterinary Research Institute Deemed University (I.C.A.R., Govt. of India) and contributed immensely in Transfer of Technology through Intellectual Property Rights (IPR) and Intellectual Property Management (IPM) activities of the institute. As Chairman of Technical Committees, developed strategies and action plans, Livestock Breeding policies and assisted technically for livestock and poultry development and monitoring in India particularly for the North Eastern, eastern and northern regional states.

Prof. Das conducted and coordinated a series of Training, Refreshers courses and Awareness programmes at Assam Agricultural University, Indian Veterinary Research Institute Deemed University (including seven International Training programme) and in the Department of Animal Resources Development of Govt. of Tripura, Agartala during his service period in various Management positions.

PUBLICATIONS AND PAPER PRESENTATIONS:

Prof Das published 162 Research papers, 71 review/general/popular articles in reputed National and International Journals and publications, 29 Gene Bank accession in National Centre for Biotechnology Information (NCBI), U.S.A., 9 Chapters and books, 6 Research and Development, Extension Bulletins, 1 CD-ROM contribution (CAB International, U.K.), 23 Project Reports/Project Evaluation Reports on R & D, education, planning and infrastructure development etc. He presented 70 research papers/lead papers in National conferences/seminar/symposia and 27 in International conferences/Congress. Dr. Das is the Co-editor and consultant editor of Animal Science Reporter (International Journal), Editor/Editorial board member of six national journals and professional Society publications including "Indian Journal of Animal Sciences", published by ICAR, GoI at different times and founder editor of Assam Veterinary Council Journal.

He is the Fellow/President/Vice President/Secretary/Patron/Life Member/Member of more than 30 National and International Scientific/Professional Societies. He visited United Kingdom, Canada, U.S.A., Japan, Germany, France, Belgium, Netherlands, Luxembourg, Thailand, Nepal etc. for study purpose, training and attending international conferences/seminars/congresses.