



1. **Name and Designation:** Dr. Tareni Das, Scientist,  
Veterinary Pathology, ICAR-NIFMD-ICFMD,  
Arugul, Bhubaneswar

2. **Email(s) and contact number(s):** [tarenisahoo@gmail.com](mailto:tarenisahoo@gmail.com)

[Tareni.Das@icar.gov.in](mailto:Tareni.Das@icar.gov.in)

7735892137 and 9759289277

**3. Academic Qualification (Undergraduate Onwards)**

	Degree	Year	Subject	University/Institution	% of marks
1.	BVSc and AH	2010	Vety. Science & AH	CVSc and AH, OUAT, BBSR	83.1%
2.	MVSc	2012	Vety. Pathology	CVSc and AH, OUAT, BBSR	86.7%
3.	PhD	2015/2016	Vety. Pathology	CVSc and AH, OUAT, BBSR	86.2%

**4. Publications**

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Das T, Pathak M, Chavan AS, Rani HB, Dubal ZB, Das NK, John JK, Sethi M, Saikumar G. 2023.	Pathology of vegetative valvular endocarditis associated with $\beta$ -haemolytic Streptococci in pigs.	Indian Journal of Veterinary Pathology	47(1)	29-33	2023
2	Sahoo M, Singh R, Kumar P, Kumar Mariappan A, Munnuswamy P, Singh K, Saminathan M,	Novel pathologic findings and viral antigen distribution in cattle and buffalo calves naturally infected with Foot-and-Mouth Disease virus.	Veterinary Quarterly		1-30	2023

	Dhama K, Kondabattula G, <b>Das T</b> , Thakor JC.					
3	Pathak, Mamta, Shailesh Kumar Patel, <b>Tareni Das</b> , Alok Singh, A. S. Chavan, H. B. Rani, and G. 2023. Saikumar.	Pathology of porcine cysticercosis in a naturally infected Landlly pig.	Indian Journal of Veterinary Pathology	47(2)	162- 164.	2023
4	Das T, Sethi M, John JK, Tomar N, Chavan AS, Pathak M, Saikumar G.	Pathology of PMWS Associated with Classical Swine Fever Virus, Porcine Parvo Virus and Multidrug Resistant Enteric Escherichia coli Infections in an Organized Swine Farm, Rajasthan, India.	Indian Journal of Animal Research	1	7	2022
5	Das T, Das NK, Mohapatra S, Pathak M, Chavan AS, Sahoo M, Rani HB, Kumar GS.	A Rare Case Report of Actinomycotic Scrotal Granuloma in Cattle.	Indian Journal of Veterinary Pathology	46(2)	167- 169	2022
6	Das T, Sethi M, Beena V, John JK, Tomer N, Pathak M, Chavan AS, Rani HB, Saikumar G.	Pathology and Occurrence of Swine Pox in an Organized Swine Farm-Bareilly, Uttar Pradesh.	Indian Journal of Veterinary Pathology	46(3)	217- 219	2022
7	Das, N., S. K. Panda, and T. Das.	Hematological profile and pathology of theileriosis in cattle from coastal districts of Odisha.	Indian Journal of Veterinary Pathology	45(3)	175- 178	2021
8	T. Das, Nilakantha Das, Monalisa Sahoo, M. Dinesh, S. Vineetha ...et al.,	Pathology and immunohistochemistry of an unusual case of cutaneous fibroma in a crossbreed cow - a case report	Indian journal of veterinary pathology	44 (4)	252- 254	2020
9	John, J. K., Kattoor, J. J., Sethi, M., Tomar, N., Das, T. and Saikumar, G.	Genetic diversity of Indian Porcine circovirus type 2 (PCV2) isolates.	Indian Journal of Animal Sciences	90 (6)	13	2020
10	John, J. K., Kattoor, J. J., Sethi, M., Das, T., Tomar, N. and Saikumar, G.	Porcine parvovirus and porcine circovirus associated post- weaning multi systemic wasting Syndrome and reproductive failures in crossbred Indian pigs	Indian Vet. Assoc. J	18 (1)	67-74	2020
11	Kumari S, Saikumar	Immunohistochemical detection	Journal of	40(6)	676-84	2019

	G, Desingu PA, Das T, Singh R.	of naturally occurring porcine Sapelovirus infection in Indian pigs.	Immunoassay and Immunochemistry.			
12	John JK, Das T, Sethi M, Kattoor JJ, Tomar N, Saikumar G.	Epidemiological study of porcine teschovirus infection in pigs at Bareilly, Uttar Pradesh, India.	Biological Rhythm Research	20	1-8	2019
13	Sethi M, Das T, Tomar N, John JK, Dubal ZB, Rajak KK, Singh R, Saikumar G.	Japanese encephalitis virus-induced neuropathology in mouse model infected through the conjunctival route.	The Indian Journal of Medical Research	150(5)	498	2019
14	Neelam T, Veena S, John JK, Menaka S, Ray PK, Arya 2018RS, Tareni D, Dhama K, Saikumar G.	Whole genome sequencing of classical swine fever virus circulating in India and analysis of antigenic relation with C-strain and HCLV/India.	Journal of Experimental Biology and Agricultural Sciences.	6(3)	509-15	2018
15	Tomar N, Sharma V, John JK, Sethi M, Ray PK, Arya RS, Das T, Saikumar G.	Complete Genome Sequence of a Field Isolate of Classical Swine Fever Virus Belonging to Subgenotype 2.2 from India.	Genome Announcements.	6(24)		2018
16	Sethi M, Das T, John JK, Mohandas S, Banerjee PS, Singh R, Saikumar G. Pigs.	Liver Pathology Associated with Natural Infection of Schistosoma Incognitum in Slaughtered	Int. J. Livest. Res	8(9)	354-358	2018
17	Sethi M, Kumar S, Tomar N, John JK, Das T, Agarwal RK, Saikumar G.	Molecular diagnosis and antibiogram of Pasteurella multocida type B associated with septicemic pasteurellosis in pigs.	Indian Journal of Animal Sciences	87(12)	1488-91	2017
18	John JK, Sethi M, Das T, Hingade SS, Arun A, Tomar N, Saikumar G.	Occurrence of Opisthorchis spp. infection in liver of pigs: An abattoir survey.	Indian Journal of Veterinary Pathology.	41(2)	131-3	2017
19	Singh, R, Kumar, P, Sahoo, M, Bind, RB, Ashok Kumar, M., Das, T, Kumari, S, Kashyap, G, Yadav, JP, Saminatham, M, Singh, KP and Singh, R.	Spontaneously occurring lung lesions in sheep and goats.	Indian journal of veterinary pathology	41(1)	18-24	2017
20	Desingu PA, Ray	First Complete Genome	Genome	5(3)		2017

	PK, John JK, Das T, Dubal ZB, Rajak KK, Singh RK, Saikumar G..	Sequence of Genotype III Japanese Encephalitis Virus Isolated from a Stillborn Piglet in India	announcements			
21	John, J. K., Das, T., Kumar, S., Sethi, M., Vamadevan, B., Tomar, N., Saikumar, G.	Polyserositis Associated with Pasteurella multocida Type A in a Crossbred Pig.	Int. J. Livest. Res.	7(4)	268-274	2017
22	John, J. K., Das, T., Sahoo, M., Sethi, M., Beena, V., Tomar, N. and Saikumar. G.	Pyopericardium and suppurative pneumonia caused by Trueperella pyogenes in a piglet.	Int. J. Livest. Res	7(6)	233-237	2017
23	Sethi, M., Das, T., John, J. K., Beena, V., Tomar, N. and Saikumar, G	Histopathological and bacteriological study of multiple hepatic abscesses in a crossbred piglet	Int. J. Livest. Res	7(7)	280-283	2017
24	T. Das, N. K. Das and S.K. Panda.	Chronic mastitis in cattle reared in and around Bhubaneswar.	Indian Journal of Veterinary Medicine	36(1)	48-49	2016
25	T. Das, N. K. Das and S.K. Panda.	Alteration in haematological and serum biochemical parameters of cattle with chronic mastitis.	Indian Journal of Veterinary Medicine	36(1)	50-53	2016
26	Das, N., Panda, S.K., Acharya, A.P. and Das, T.	Incidence of theileriosis in coastal districts of Odisha.	Indian Veterinary Journal	93(1)	63-64	2016
27	Das T, Panda SK, Panda HK, Acharya AP, Das N.	Pathology of inclusion body hepatitis and hydropericardium syndrome in broiler chicken in natural outbreaks in Odisha	Indian J. Vet. Pathol.	39(1)	46-49	2015
28	N Das, SK Panda, T Das and AP Acharya. 2014.	Theileriosis in calves: A pathological study at Bhubaneswar, Odisha, India	E-Planet.	12(2)	63-66	2014

### 5. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	Colour atlas on Foot-Mouth-Disease in cattle calves	T. Das et al.	ICAR	2016
2	Book chapter on "An update on vaccine by by"	Tareni Das and Dr. G. Saikumar	ICAR sponsored winter school on recent advances in Development of Recombinant vaccines for veterinary use	2016
3	Book chapter on "Recent methods for detection of food borne viruses of poultry origin authored in Book "Technological Advances in value addition as well as production of green and safe poultry products.	Z. B. Dubal, K. K. Rajak, Tareni Das and Vinodh Kumar O.R	ISBN No. 978-93-5311-841-9	
4	Book chapter on Porcine Circovirus. In Recent Advances in Animal Virology	Saikumar, G. and Das, T	Springer, Singapore ISBN 978-981-13-9072-2	2019
5	Technical Manual chapter on Isolation and identification of bacterial pathogens from clinical samples by conventional method	Z.B. Dubal, Anukampa, R.S. Rathore, Tareni Das and Vinodh Kumar O.R	ICAR-Sponsored winter School on Practicability, scope and future prospects of ethno botanicals in minimizing antibiotic resistance	2018
6	Manual chapter: Real time PCR assays for pathogen detection	Dr. G. Saikumar and Tareni Das	ICAR-IVRI sponsored three days training on Real time data analysis	2018
7	Mannual chapter on Body fluid (blood, urine and serum) analysis and interpretation of results from 21 August to 30 August, 2017.	Karikalan M., Tareni Das, Chandra Mohan	Training programme on "Practical approach in livestock diseases diagnosis by using clinical, pathological and molecular techniques" at ICAR-IVRI, Izatnagar	2017
8	Mannual chapter on Swine viral diseases: Patho-anatomical and molecular diagnosis	G. Saikumar and Tareni Das	Training programme on "Practical approach in livestock diseases diagnosis by using clinical, pathological and molecular techniques" at ICAR-IVRI, Izatnagar	2017

### POPULAR ARTICLES

1	Hand Foot and Mouth Disease or tomato flu-an emerging public health threat.	T. Das and NK Das.	<a href="http://www.pashudhanpraharee.com/hand-foot-mouth-disease-or-tomato-flu-an-emerging-public-health-threat/">http://www.pashudhanpraharee.com/hand-foot-mouth-disease-or-tomato-flu-an-emerging-public-health-threat/</a>	2022
2	Dairy farming and emerging anti-microbial resistance.	T. Das and NK Das.	<a href="http://www.pashudhanpraharee.com/dairy-farming-and-emerging-antimicrobial-resistance/">http://www.pashudhanpraharee.com/dairy-farming-and-emerging-antimicrobial-resistance/</a>	2022
3	Lumpy Skin Disease-Its Epidemio-Pathology and Management.	Das T, Das NK and Rout, BR	<a href="http://www.pashudhanpraharee.com/lumpy-skin-disease-its-epidemio-pathology-and-management/">http://www.pashudhanpraharee.com/lumpy-skin-disease-its-epidemio-pathology-and-management/</a>	2022
4	Porcine parvo virus (PPV)-an important cause of SMEDI syndrome in swine.	T. Das and NK Das	<a href="http://www.pashudhanpraharee.com/porcine-parvovirus-ppv-an-important-cause-of-smedi-in-swine/">http://www.pashudhanpraharee.com/porcine-parvovirus-ppv-an-important-cause-of-smedi-in-swine/</a>	2022
5	Foot mouth disease-a most contagious disease of cloven-footed animals.	T. Das and NK Das.	<a href="http://www.pashudhanpraharee.com/foot-and-mouth-disease-a-most-contagious-disease-of-cloven-footed-animals/">http://www.pashudhanpraharee.com/foot-and-mouth-disease-a-most-contagious-disease-of-cloven-footed-animals/</a>	2022
6	One health approach the need for an hour.	T. Das	<a href="http://www.pashudhanpraharee.com/one-health-approach-the-need-for-an-hour/">http://www.pashudhanpraharee.com/one-health-approach-the-need-for-an-hour/</a>	2022
7	Inclusion body hepatitis and hydropericardium syndrome or hydropericardium hepatitis syndrome -an emerging poultry disease.	T. Das, NK Das and S. Mallick.	<a href="http://www.pashudhanpraharee.com/inclusion-body-hepatitis-and-hydropericardium-syndrome-or-hydropericardium-hepatitis-syndrome-an-emerging-poultry-disease/">http://www.pashudhanpraharee.com/inclusion-body-hepatitis-and-hydropericardium-syndrome-or-hydropericardium-hepatitis-syndrome-an-emerging-poultry-disease/</a>	2023.
8	Contagious pustular dermatitis: Etiopathology, diagnosis, clinical management and control.	Das T, Sahoo M, Vidya Rani HB, Chauhan A and Das NK	<a href="https://www.pashudhanpraharee.com/contagious-pustular-dermatitis-etopathology-diagnosis-clinical-management-and-control/">https://www.pashudhanpraharee.com/contagious-pustular-dermatitis-etopathology-diagnosis-clinical-management-and-control/</a>	2023

**6. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.**

S.No	Name of Award	Awarding Agency	Year
1	First Girl Merit Scholarship during my Under Graduation (B. V. Sc. & A. H.) period	Department of Higher Education, Government of Odisha	2005-2010
2.	Merit Scholarship during my MVSc period	OUAT	2010-2012

3.	Qualified ICAR-NET	ICAR	2013
4.	Qualified ARS Examination	ICAR	2013
6.	Appreciation certificate from international journal of livestock research	IJLR	2018
7.	Special jury appreciation certificate	J. Indian Vet. Assoc	2020

#### 7. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Vero cell based inactivated JE Vaccine candidate for pigs	Beena V., Mamta Pathak, <b>Tareni Das</b> , K. K. Rajak, R. K. Singh and G. Saikumar			India	Filed

**Abstracts published: 33**

#### **Training attended:**

1. Foundation training at ICAR-NAARM, Hyderabad on 1st July, 2015 to 30th September, 2015.
2. Institute orientation training programme from 12th October 2015 to 12th November 2015 (one month) at IVRI, Izatnagar-243122
3. Professional Attachment Training from 13th November 2015 to 12th February 2016 (three months) in division of pathology, IVRI, Izatnagar-243122.
4. Training programme on “Real time PCR data analysis” from 7-9th March, 2018 at ICAR-IVRI, Izatnagar
5. Three days training programme on “Basic epidemiology” from 22-24 March, 2018 at ICAR-IVRI, Izatnagar
6. National workshop cum training programme on “computational approaches in biotechnology for beginners” on 15-19 March, 2016
7. CAFT training on “Recent approaches in clinico-pathological diagnosis of animal diseases” from 17.11.2017 to 7.12.17 at GADVASU, Ludhiana, Punjab.
8. 21 days online training course entitled “Recent Advances in Disease Diagnosis & Vaccines” organized by Department of Veterinary Microbiology, College of Veterinary Science & Animal Husbandry, Jabalpur (M.P.) from July 27 - August 16, 2021
9. Three Days Online Training on “Investigative Approaches for Animal Disease Diagnosis” from 25th to 27th May, 2021 under National Agricultural Higher Education Project, organized by Bihar Animal Sciences University, Patna.

10. 5 days National Online Training Programme on “New Horizons of Canine Disease Diagnostics and Therapeutics” organized by Department of Veterinary Clinical Medicine, Post Graduate Institute of Veterinary and Animal Sciences, Akola, Maharashtra, India during June, 22nd to June 26th 2021.
11. Two weeks virtual training on recent approaches in forensic pathology organized by Department of Veterinary Pathology, CVSc and AH, NDVSU, Jabalpur (MP), India from 1<sup>st</sup> to 14<sup>th</sup> September 2021.
12. Training on introduction to emerging technologies by capacity building commission on 22<sup>nd</sup> March 2023

### **Conferences/ workshops/ webinars attended:**

1. XXVIII annual conference of IAVP and national symposium innovative research approaches for diagnostic pathology on 29 and 30th December, 2011
2. National conference on biodiversity assessment, monitoring and conservation: application of biotechnological tools on 22-23rd February 2015
3. 30th annual conference on IAVP and 4th annual meeting of ICVP cum national symposium and satellite seminar on 21-23rd November, 2013
4. NAVS convocation cum conference on “Antimicrobial Resistance in livestock health and production” at IVRI, Izatnagar on 28th October 2015
5. XXXIII Annual conference of Indian association of veterinary pathologists and National symposium on innovative approaches for diagnosis and control of emerging and re-emerging diseases of livestock, poultry and fish, 9-11 November, 2016.
6. Workshop on bio safety training conducted by NIV, Pune at ICAR-IVRI, Izatnagar, on 22-23 November, 2016
7. National congress on wildlife health and annual convention of association of Indian Zoo and wild life veterinarians (AIZWV), 6-7 January, 2017.
8. VIII meeting of Asian society of veterinary pathology, XXXIV annual conference of Indian association of veterinary pathologists, VIII annual meeting of Indian college of veterinary pathologists and international seminar on “emerging horizons in diagnosis of animal and poultry diseases: towards sustainable production in Asian countries: November 9-11, 2017; Hebbal, Bengaluru, India.
9. 11<sup>th</sup> national conference on one health initiative on prevention and control of emerging and re-emerging zoonotic diseases in India On 6<sup>th</sup> July, 2021.
10. 4th Central zone conference of IAVP-2021
11. XXXIX Annual conference of IAVP and XIII Annual meeting of ICVP and International Symposium on “Global challenges in rapid diagnosis and management of Animal and Poultry Diseases for improved health and productivity held organized by Dept. of Veterinary Pathology, CVSc, Rajendranagar, PVNRTVU, Hyderabad during 17-19 November, 2022
12. Workshop on Electron microscopy organized by Dept. of Veterinary Pathology, CVSc, Rajendranagar, PVNRTVU, Hyderabad on 20th November, 2022
13. 13<sup>th</sup> national conference on one health on 6<sup>th</sup> July, 2023



14. National Webinar on “Understanding Spectrum of Anemia in Cattle” organised by Department of Veterinary Pathology, College of Veterinary Science & Animal Husbandry, OUAT, Bhubaneswar in collaboration with IDP-NAHEP, OUAT held on 20.03.2021
15. Live webinar on ‘An update on bovine mycotoxicosis’ on 19<sup>th</sup> August, 2021.
16. Webinar on “Laboratory Biosafety: Preventing Environmental Contamination by Infectious Agents” successfully on 24th April 2021.
17. Webinar on “Pathological Approaches for Animal Disease Diagnosis” successfully on 06th June 2021
18. National Webinar on “One Health Approach for Controlling Zoonoses” organized by ICAR-National Research Centre on Camel, Bikaner-334001 on July 6, 2021 held on the occasion of World Zoonoses Day.
19. E-Symposium jointly organised by ISBD and ICAR-CIRB on 07 July,2021Sustainable Buffalo Production Through Integration of Reproduction, Nutrition, Health and Knowledge Dissemination.
20. Webinar on "Status of Veterinary Vaccines and Diagnostics- An Indian Perspective" successfully on 01st August 2021.
21. National Webinar on advances of veterinary sciences during platinum jubilee year of Indian Independence organized by Madras Veterinary College,TNVASU, Chennai, Tamil Nadu and Dr. CM Singh Endowment Trust on 30th September, 2022
22. National Webinar on cow based rural development organized by ICAR-CIRC, Meerut, UP, 250001 and Dr. CM Singh Endowment Trust on 30th July, 2022
23. International webinar on “The Dermal Microbiome: Identifying Biases at Different Stages of Your NGS Workflow webinar” on 21<sup>st</sup> September, 2023