

- 1. Full name of the faculty member:** Dr. Gadadhar Dash
- 2. Designation:** Professor & Head
- 3. Specialisation:** Fish and Shellfish Pathology, Parasitology and Histopathology
- 4. Contact information:** Phone: 9433326219/8777782384 e-mail ID: dashgadadhar@gmail.com
- 5. Academic qualifications:**

College/ university from which the degree was obtained	Abbreviation of the degree
University of Kalyani, West Bengal	Ph.D.
O.U.A.T, Orissa	M.F.Sc.
O.U.A.T, Orissa	B.F.Sc

6. Positions held/ holding or Work Experience: Professor & Head

Positions	Years
Lecturer	06
Lecturer (Senior Scale)	03
Reader	03
Associate Professor	03
Professor	13Yrs

7. Awards:

Sl. No.	Name of the Awards with the host Organization	Year of Receive
1	Conferred with International Scientific Award as “Distinguished Professor Award “in the field of Aquatic Animal Health, Fishery Sciences from Scientific Laurels Committee.	2026
2.	Best Presentation Award in National Seminar on Impact of Natural Disasters on Environment, 2 nd Prize, 8 th -9 th March,2023 Award by DBT, New Delhi (Co-Author).	2023
3	Best Poster Presentation Award, Prof.P.Kameswar Rao Award, (Co-Author)	2022
4	Selected as Influential Scientist of the World from WBUAFS as per AD Scientific Index for the Year-2021	2021
5.	Best Parenting Award by West Bengal University of Animal and Fishery Sciences	2019
6	Best Teacher Award by West Bengal University of Animal and Fishery Sciences	2017
7	Reviewer Excellence Award by Agricultural Research Communication Centre (ARCC)	2016
8	Best Performer Award by Dept. of Fisheries & Indian Chamber of Commerce in Bengal Fish Fest	2016
9	Dr S.P. Gupta Gold Medal Award by ZSI	2015
10	Fellow of Zoological Society of India Award	2014
11.	Best Poster Presentation Award (Gold Medal) by ZSI, (Co-Author)	2013
12.	University Gold Medal Award	1993
13.	ICAR Junior Fellowship Award	1990

8. Other notable activities:

A. Research projectsongoing/completed: 05

Sl No.	Title of Project	Funding Agency	Amount Rs (lakhs)	Date of sanction & Duration
1.	Elucidation of food safety issues related to fish borne parasites with zoonotic potential in aquaculture produce	Indian Council of Agricultural Research (ICAR)	8.881	11 th March, 2003-10 th March ,2006
2.	Surveillance of Freshwater Fish and Shellfish Diseases in West Bengal(NSPAAD – 1 st Phase)	National Fisheries Development Board (NFDB),(NBFGR),ICAR, National Co-ordinator & PMMSY	109,30,736	1 st April 2013-31 st March. ,2022
3.	Disease Issues and health management	National Fisheries	1.05	06 Days

	in Aquaculture systems	Development Board (NFDB)		(3days each), 2015
4.	Awareness and Capacity building Programmes on Aquaculture to Schedule Caste Fishermen, farmers, Youth & Women	National Fisheries Development Board (NFDB)	3.94	14 days (1+3+5+5) 2020-21
5.	Surveillance of Freshwater Fish and Shellfish Diseases in West Bengal (NSPAAD – 2 nd Phase)	NBFGR-ICAR, National Coordinator & PMMSY	53.70	1 st April 2022-31 st March, 2025

B. Genes submitted to NCBI gene bank: 43

C. Meetings/conferences/seminars/workshops attended: 50

D. Resource person for training experience/seminars/workshops attended: 28

E. PhD Students:

a. Passed - 05

b. Pursuing – 01

F. Journal Reviewer:

a. National – 04

b. International – 05

G. Recognised Member of the following:

1. Expert Member for “Seed Certification and Accreditation Team” of Department of Fisheries, Govt. of West Bengal from 2013.
2. Member of Board of Studies: Vidyasagar University, Diamond Harbour Women’s University.
3. Nominated as a member of Project Review Steering Group (PRSG) under the Ministry of Electronics & IT (MeitY) for the project on “MEAN: Measuring Endocrine Disrupting Chemicals (EDC) and Aquatic diagnostics through Bio-Sensory Network with a special reference to North East India” with an outlay of Rs. 189.89 Lakhs.
4. Adviser for screening of Applications of Senior Scientist, Animal Biotechnology, IFE, Mumbai, at ASRB, ICAR, Pusa, New Delhi in the Year 2014
5. Resource Person for International Training Programme for Cambodian Trainees” held from 05.11.2012-10.11.2012 in collaboration with Asian Fisheries Society, Indian Branch and JICA, Japan
6. Member of Vietnam Delegation Team led by Deputy Director, EIC & MPEDA for Inspection/Auditing of bio secured farms & Processing Plants as PI of NSPAAD on 14th October -2015.
7. Invited Key Speaker for Training Programmes of FFDA, BFDA, ATMA of Govt. of West Bengal
8. Invited as Practical Examiner for M.Sc. Zoology to Calcutta University, University of Kalyani and Vidyasagar University.
9. Invited as External Examiner for Ph.D. Viva Voce, of Dept. of Zoology to Utkal University, University of Kalyani and COF, Tripura, under Central Agricultural University and Dept. of Zoology, Vidyasagar University etc
10. Invited as Expert for Technology Week-2014 to North 24 Pgs KVK to discuss on Fish diseases and Prevention, 2014.
11. Act as Co-Chairman of Publicity and Campaign Subcommittee of 17th State Science & Technology Congress at WBUAFS, Kolkata-37 in 2009.
12. Member of Local Organizing Committee of International symposium on Culture based Fisheries in Inland open Waters at CIFRI, Barrackpore, in 2017
13. Member of Master Plan /Development Plan of the University campuses (FFSc.) in 2007
14. Member of Board of studies (BOS) of Fishery Management of the University of Kalyani (Distance Mode) in 2007

9. Publication:

1. Journals (National & International): **with NAAS, IF rating**

1. Prasenjit Mali, Swagat Ghosh, **Gadadhar Dash**, Supratim Chowdhury 2024, Influence of various carbon and nitrogen ratios in a jaggery-based biofloc rearing system on the Asian stinging catfish

2. Thangapalam Jawahar Abraham^{1,*}, Jasmine Singha¹, **Gadadhar Dash**¹, Talagunda Srinivasan Nagesh², Sutanu Karmakar³, Prasanna Kumar Patil⁴ (2025) Influence of infed emamectin benzoate and winter on the bioresponses of *Oreochromis niloticus*. *Academia Biology*;3. P. 1-9 ,
<https://doi.org/10.20935/AcadBiol7540> (International). Impact Factor :0.11
3. Farhana Hoque, Abhijit Das · Munusamy Ajithkumar · Jitendra Kumar Sundaray · Parthapratim Chakrabarti, Ajmal Hussain, Arbinda Das, **Gadadhar Dash** · Gouranga Biswas, 2024, Tropical Animal Health and Production, Photoperiod manipulation improves growth performance, haematological indices and economic returns of Indian butter catfish, *Ompok bimaculatus* (Bloch, 1794) (2024) 56:12
<https://doi.org/10.1007/s11250-024-03981-5> (International). Impact Factor :1.7
4. Pradhan, D., **Dash, G.**, Abraham, T. J., Mukherjee, D., Sanyal, K. B., & Datta, P. (2023). Study of microsporidians in white faecal syndrome affected farmed shrimp (*Penaeus vannamei*) Boone, 1931 of West Bengal, India. *South Asian Journal of Experimental Biology*, 13(5).
5. Abhijit Das , Farhana Hoque , Munusamy Ajithkumar , Jitendra Kumar Sundaray , Parthapratim Chakrabarti , **Gadadhar Dash** , Gouranga Biswas, 2023, *Fish Physiol Biochem*, Effect of photoperiod on serum biochemistry, electrolytic balance, acute phase response and histopathology of butter catfish, *Ompok bimaculatus* (Bloch, 1794) <https://doi.org/10.1007/s10695-023-01260-y>
(International). Impact Factor :3.014
6. Debajyoti Pradhan and **Gadadhar Dash** , 2022 , Effect of COVID-19 pandemic on shrimp aquaculture in West Bengal, India *South Asian J Exp Biol*; 12 (2): 135-141; 2022 [DOI: 10.38150/sajeb.12(2).p135-141] ISSN: 2230-9799, NAAS Rating (International).
7. Avijit Biswas a,***Gadadhar Dash** b, Prasenjit Mali b, Siddhartha Narayan Joardar c, Biswadeep Dey b, Anwesha Roy a, Sutanu Karmakar d 2021, Histopathology of head kidney tissues in challenged rohu, *Labeo rohita* Hamilton after vaccinating with *Aeromonas hydrophila* antigens , *Fish and Shellfish Immunology Reports*, 2,(2021)100025, www.sciencedirect.com/journal/fish-and-shellfish-immunology-reports, NAAS Rating (International).
8. Jasmine Singha^{1*}, Thangapalam Jawahar Abraham¹, Anwesha Roy¹, **Gadadhar Dash**¹, T Talagunda Srinivasan Nagesh² and Prasanna Kumar Patil³ , 2021, *J. of Fisheries and life Sciences*, Use of aquadugs, chemicals and biological products in freshwater aquaculture systems of West Bengal, India 6(1) :7-18 , (NAAS:; RJIF:3.1) (International).
9. Roy, A., Abraham, T.J., Julinta, R.B., Singha, J., Boda, S., **Dash, G.**, Nagesh, T.S., Sar, T.K., and Patil, P.K., 2021. Influence of fluctuating water temperature and dietary oxytetracycline on the safety of monosex Nile tilapia *Oreochromis niloticus* fries. *Bulletin of Environmental Contamination and Toxicology*, 107: 361-367. <https://doi.org/10.1007/s00128-021-03227-2> (IF: 2.151)
10. Leesa Priyadarsani^{a,*}, Thangapalam Jawahar Abraham^a, Harresh Adikesavalu^a, **Gadadhar Dash**^a, Talagunda Srinivasan Nagesh^b 2021, Effects of dietary supplementation of vitamin-E and commercial probiotics on the innate immunity of *Labeo rohita* against *Aeromonas hydrophila* infection, *Fish and Shell fish Immunology Reports* 2 (2021) 100013 { doi: <https://doi.org/10.1016/j.fsirep.2021.100013>} NAAS Rating ... (International).
11. Debajyoti Pradhan and **Gadadhar Dash** , 2021, Impacts of Climate change on Shrimp farming in India, *International Journal of Researches in Biosciences, Agriculture and Technology*, I J R B A T, Issue (Special-17), June 2021: 459-471, e-ISSN 2347 – 517X, NAAS Rating..... (International).
12. Sanjib Saha and **Gadadhar Dash**, 2021, Climatic Stress on cultured *Scylla* sp.: Impact on Livelihood and Public health in West Bengal. *International Journal of Researches in Biosciences, Agriculture and Technology*, I J R B A T, Issue (Special-17), June 2021: 331-344, e-ISSN 2347 – 517X, NAAS Rating..... (International).
13. Chakraborty, R. , Mukherjee Bardhan, A., Mali , P. , Bhattacharya Sanyal, K and **Dash, G.** , 2020. Prevalence of *Argulus* sp. In Indian Major Carps from Bhangore Block of South 24 Parganas District, West Bengal, India *Journal of Fisheries Science*, Vol.02. Issue 01:05-08, March, NAAS Rating (International).
14. Julinta, R.B., Abraham, T.J., Roy, A., Singha, J., **Dash, G.**, Sar, T.K., and Patil, P.K., 2020. Effects of oral-dosing of an antiparasitic drug emamectin benzoate on the growth and serum biomarkers of Nile tilapia

- Oreochromis niloticus*(L.) juveniles. *Journal of Environmental Biology*, 41 (Accepted) (NAAS: 6.73; IF: 0.555) **(International)**.
15. Sarker, S., Abraham, T.J., **Dash, G.** and Nagesh, T.S., 2019. Pathogenicity and pathology of *Chryseobacterium* sp. PLI2 in experimentally challenged ornamental goldfish, *Carassius auratus* (L.). *Veterinarski Arhiv*, 89(5): 697-707. DOI: 10.24099/vet.arhiv.0476 (NAAS: 6.426; IF: 0.426) **(International)**.
 16. Mukherjee Debapriyo, Soni Mayank, Bhattacharya Sanyal Koel and Gadadhar **Dash.**, 2019. Prevalence of Ectoparasitic Infestation in Indian Major Carps During Winter at Different Blocks of South 24-Parganas District, West Bengal, India., *Journal of Fisheries Science* 1(1): 7-14. DOI: <https://doi.org/10.30564/jfs.v1i1.851>
 17. Abraham, T.J., Ramudu, K.R. Rajesh, S.C., Bannerjee S. Adikeshvalu, H. **Dash, G.** and Nagesh, T.S. 2019. Evaluation of health status of Indian major and minor carps cultured in West Bengal, India. *Iran.J.of Ichthyol.* 6(1):41-53, P-ISSN: 2383-1561 , E-ISSN: 2383-0964 NAAS Rating: Impact Factor :..... **(International)**.
 18. Beryl Julinta R., T. Jawahar Abraham, Anwesha Roy, Jasmine Singha, **Gadhadar Dash**, Prasenjit Mali, T. S. Nagesh, Tapas Kumar Sar, Prasanna Kumar Patil and Ashok Kumar K. 2019. Effect of Oxytetracycline-dosing on the Growth, Safety and Intestinal Histology of Nile Tilapia, *Oreochromis niloticus* (L.) Juveniles. *Int.J.Curr.Microbiol.App.Sci.* 8(08): 2708-2724. doi: <https://doi.org/10.20546/ijcmas.2019.808.313> NAAS Rating: 5.38 **(International)**.
 19. Ramudu, K.R., Guguloth, B., Guguloth, R. and **Dash, G.** 2018. Parasitic study of Indian Major Carp, Catla catla (Hamolton) from Bheries in West Bengal, India. *Int. J. of Fish. and Aquatic Studies* (IJFAS), 6(2): 202-206. ISSN (on line): 2347-5129. Index Coopernicus Value: 5.62, **Impact Factor (GIF): 0.549** , NAAS Rating: 3.99 **(International)**.
 20. Vijaysundardeva, G., **Dash, G.** Ramudu, K.R., Abraham, T.J., Shyam, K.U. 2018. Prevalence of parasitic diseases in Indian Major Carps in selected districts of West Bengal, India. *Int.J.of Curr.Microbiol.App.Sci.* 7(6): 2784-2805, ISSN: 2319-7692 , NAAS Rating: 5.38 **(International)**.
 21. Guchhait, A., Bhattacharya Sanyal, K Mukherjee, D, and **Dash, G.** 2018. Prevalence of helminth infestation in *Clarius batrachus* (Linnaeus, 1758) with season and size Variation in West Bengal , India, *Int. J. of Ecology and Environmental Sciences*, 44(4):395-401, ISSN:2320-5199 (Online), NAAS Rating:5.18 **(International)**.
 22. Bhattacharya Sanyal, K., Mukherjee, D., Guchhait, A. and **Dash, G.**, 2018. Phenotypic and molecular identification of bacterial species in Indian Major Carps and Exotic Carps from South 24 Parganas, West Bengal, India. *Intl. J. of Current Microbiol. and Applied Sc.*, 7(1) : 534-547. **NAAS Rating: 5.38 (International)**.
 23. Abraham, T.J., Sarker, S. **Dash, G.** Patra, A. and Adikeshvalu, H., 2017. *Chryseobacterium* sp. PLI2 and *Aeromonas hydrophila* co-infection in pacu, *Piaractus brachipomus* (Cuvier, 1817) fries cultured in West Bengal, India *Aquaculture*, 473: 223-227 **Impact Factor : 1.893**, NAAS Rating: 7.89 **(International)**.
 24. Guchhait, A., **Dash, G.**, Bhattacharya Sanyal, K Mukherjee, D, Mali, P. Abraham, T.J. and 2017. Study of helminth parasites from wild and cultured *Mystus gulio* in selected districts of West Bengal, India. *J. of Entomology and Zoology Studies* (JEZS), 5(5): 370-376. ISSN (on line): 2320-7078. NAAS Rating: 5.53 **(International)**.
 25. Guchhait, A., Bhattacharya Sanyal, K Mukherjee, D, Mali, P. Abraham, T.J. and **Dash, G.** 2017. Isolation and identification of *Myxobolus cerebralis* from brain of *Heteropneustes fossilis* in the beels of South 24-Parganas, West Bengal ,India. *Int. J. of Fish. and Aquatic Studies* (IJFAS), 5(4): 413-417. ISSN (on line): 2347-5129. Index Coopernicus Value: 5.62, **Impact Factor (GIF): 0.549** , NAAS Rating: 3.99 **(International)**.
 26. Julianta, R.B., Abraham, T.J., Roy, A., Singha, J. **Dash, G.**, Nagesh, T.S. and Patil, P.K., 2017. Histopathology and wound healing in Oxytetracycline treated *Oreochromis niloticus* (L) against *Aeromonas hydrophila* intramuscular challenge, *J. of Aquaculture, Research and development*. 8: 488. doi: 10.4172/2155-9546.1000488 **Impact Factor : 1.78**, NAAS Rating: 7.84 **(International)**.
 27. Guchhait, A., **Dash, G.** Mukherjee, D, Bhattacharya Sanyal, K. and Mali, P. 2017. Study of Parasites from Wild and Cultured *Heteropneustes fossilis* in Selected Districts of West Bengal. *IOSR J. of Agricul. and Vet. Science (IOSR-JAVS)* , e-ISSN: 2319-2380, P-ISSN: 2319-2372. 10 (7) : 21-29, **AQCJ, Impact Factor :3.26, (International)**.

28. Bolem, M., Shaheed S.b., Shankar,A.U., and **Dash, G.**,2017, Study on the use of Probiotic products in Indian Shrimp Aquaculture, *International Journal of Economic Research*, 14(5): 159-171, Serial Publications ISSN : 0972-9380 **(International)**.
29. Ahmad .T,Bhattacharya Sanyal, K., Mukherjee, D., Abraham,T.J.,and**Dash, G.**, 2017. Detection of White Spot Virus (WSV) in *Litopenaus Vannamei* from shrimp Aquaculture farms in East Midnapore district, West Bengal, India. *Int. J. of Fish. and Aquatic Studies (IJFAS)*, 5(2): 201-205. ISSN (on line): 2347-5129. Index Coopernicus Value: 5.62, **Impact Factor (GIF): 0.549** , NAAS Rating: 3.99 **(International)**.
30. Banerjee,S., Patra,A., Mondal, A., Adikesavalu, H. Ramudu, K.R., **Dash, G.**, Joardar, S.N and Abraham, T.J., 2017. Molecular Characterization of Myxoboluscatmrigale (Myxosporea: myxobolidae) infecting the gill lamellae of carp Cirrhinusmrigala (Hamilton),*J.ParasiticDis.(JPD)*, Springer Publication 41(1): 62-70**Impact Factor : 1.954**ISSN: 0971-7196 (Print version)Journal no. 12639. **(International)**
31. Mukherjee, D., Bhattacharya Sanyal, K., Chakraborty, D., Patra, A., and **Dash, G.**, 2016. Prevalence of Parasitic Diseases in four blocks of Bankura District, West Bengal. *Int. J. of Res. in Agrl. Sc. (IJRAS)*, 3(2): 64-69. ISSN (on line): 2348-3997. Index Coopernicus Value: 6.1, **Impact Factor (JCC): 4.7987**,IBI Factor: 3.2 NAAS Rating: 3.53 **(International)**.
32. Ramudu, K.R. and **Dash, G.**, 2016.Prevalence, morphology and scanning electron microscopy study of myxozoanparasites,*J. parasitic diseases*, 40(2):339-347DOI 10.1007/s12639-014-0505-8, NAAS Rating:4.65 ISSN: 0975-0703 (electronic version)Journal No. 12639. **(International)**
33. Dash G., 2016. Importance of Biostatistics in Disease Surveillance of Aquatic Animals in India. *J. of Biom. Biostat.* 7:4 (Suppl) ,ISSN 2155-6180Oct20-21, Houston, USA. **(International)**
34. Panda, S. and **Dash, G.** 2016. 2016. Isolation and identification of helminth parasitic eggs having zoonotic potency from sewage-fed pond sediments. *Int. J. Adv. Res. Biol. Sci. (IJRABS)* 3(6): 283-291. Darsan Publications **(Natational)**
35. Bhattacharya Sanyal, K., Mukherjee, D., and **Dash, G.**, 2016 .Isolation and identification of different parasites from Catla catla in selected districts of West Bengal, India"*Int.J.Animal Husbandry and Vet.Sc.* 1(3)38-43, IJAHVS **Impact Factor (JCC): 4.7987**, IBI Factor: 3.2 NAAS Rating: 3.53 **(International)**.
36. Ramudu, K.R., Rajesh, S.C., and **Dash, G.**, 2016. Parasitic study of Indian Major Carp, *Labeo rohita*(Hamilton,1822) in selected districts of West Bengal. *Int. J. of Bioresource and Stress Management* 7(1): 099-114 NASS Rating:4.5 , ISSN No. : 0976-4038 **(International)**
37. Abraham, T.J.,Banerjee,S., Patra,A., Sarkar,A., Adikesavalu, H. and **Dash,G.**, 2015. Molecular phylogeny of *Myxobolusorissae*(Myxosporea:Myxobolidae) infecting the gill lamellae of mrigal (*Cirrhinusmrigala*(Actinopterygii:Cyprinidae),*Mol.Biol. Res. Communications (MBRC)*4(1):15-24,Impact Factor (1.80),P ISSN:2322-181XE ISSN: 2435-2005 **(International)**
38. Banerjee,S., **Dash, G.**and Abraham, T.J., 2015. Histology of gill myxosporeaninfection in cultured Indian major and minor carps, West Bengal, India*J.AppliedIchthyology(Blackwell Publisher)*1-5,Impact Factor (0.867),ISSN : 0175-8659(P)1439-0426(E)**(International)**
39. Pakhira, C., Nagesh, T.S., Abraham,T.J.**Dash, G.** and Behera,S., 2015.Stress Responses in Rohu,*Labeorohita* transported at different densities.*AquacultureReports,ELSIVER*,2: 39-45,Impact Factor (2.341),P ISSN:2352-5134)**(International)**
40. **Dash,G.**,Sharma,B., Chakraborty, D., and Mukherjee, D., 2015.Parasitic study of Indian Major Carp *Catlacatla* (Hamilton,1822) in selected districts of West Bengal,India, *Int. J. Adv. Sci. and Tech. Res. (IJAST)*,5 (1): 79-83,Impact Factor (2.94),ISSN 2249-9954**(International)**
41. Ramudu, K.R. and **Dash, G.**,2015.Histopathological alterations in the vital organs of Indian Major Carps with parasitic Infestations in Fish Farms of West Bengal, India,*Drug dev. and therapeutics*, 6(1): 38-41,Impact Factor (3.94),ISSN..... **(International)**
42. Chattopadhaya,N., Sur,S.K.**Dash,G.**and Mahapatra, T.K.,2015.Prevalence of Carp diseases in relation to water Quality parameters in the culture areas of WestBengal,India*Int.J.of Current Res.*7(1):11869-11872,Impact Factor (1.125), (ISSN: 0975 833X) **(International)**
43. **Dash,G.** Sharma, B.B., Rajesh S.C and Abraham, T.J., 2014.Parasitic Study of *Labeobata*(Hamilton, 1822) in selected Districts of West Bengal, India ,*Int. J. of Adv. Biotech. And Res.*5(3):313-324,Impact Factor (3.01), ISSN(Online): 2278-599X**(International)**
44. Mandal, T., sharma, B.B. and **Dash, G.**, 2014.Parasitic Disease Management Strategies in the Carp Hatcheries of West Bengal, India,*Int. J. of Adv. Scientific and Tech. Res.(IJAST)*4 (4): 156-164,Impact Factor (2.94),ICV: 6.72 ISSN 2249-9954,**(International)**.

45. Sharma, B.B., **Dash, G.**, Alam, S., Chakraborty, D., 2014. Effects of Monogenean Fish Parasites on Indian Major Carp, *Labeorohita* (Ham.) with reference to abundance and pathophysiology, *Global J. for Research Analysis*, 3(7):134-136, Impact Factor 1.548, ISSN(Online): 2277-8160 **(International)**.
46. Mondal, A., Banerjee, S., Patra, A., Adikesavalu, H., Ramudu, K.R., **Dash, G.**, Joardar, S.N. and Abraham, T.J., 2014. Molecular and morphometric characterization of *Thelohanellus caudatus* (Myxosporea: myxobolidae) infecting the caudal fin of *Labeorohita*, *Protistology*, 41-52, Impact Factor: 1.508, ISSN 1680-0826, **(International)**.
47. Sharma, B.B., **Dash, G.**, Alam, S., Chakraborty, D., 2014. Effects of Water Borne Iron on Toxicity and Pathophysiology of Indian Major Carp – A Review *Global J. for Research Analysis*, 3(6):213-215, Impact Factor 1.548, ISSN(Online): 2277-8160 **(International)**.
48. **Dash, G.**, Alam, S.K., Sahoo, S. and Panigrahi, A.K., 2013. Effect Of Mahua Oil Cake (Moc) on Blood Parameters of Carps; *Catla*, *Labeorohita*, *Cirrhinus mrigala*, *Asian Academic Research J. of Multidisciplinary*, 1(16): 211-228, ICV: 5.05, ISRA: 2.015, GIF: 0.5 ISSN: 2319-2801 **(International)**.
49. Saha, R.K., **Dash, G.**, Jha, B.C and Saha, H., 2013. Distribution and Abundance of Plankton and Periphyton in Some Water Bodies in Relation to Anthropogenic Stress. *World J. of Fish and Marine Sciences* 5 (6): 649-654. 2012 Evaluation Pending (ISSN:20784589) DOI:0.5829/idosi.wjfm.2013.05.06.7564 **(International)**
50. Ramudu, K.R. **Dash, G.** and Abraham, T.J., 2013. Parasitic Study of *Cirrhinus mrigala* (Hamilton, 1822) in selected districts of West Bengal, India, *Int. J. of Adv. Biotech. and Res.* 4(4):419-436, Impact Factor (5.01), ISSN(Online): 2278-599X **(International)**
51. Mahesbabu, Y., Ramudu, K.R., Dana, S.S. and **Dash, G.** 2013. An Overview on *Litopenaeus vannamei* farming practices in India, current issues, problems and future perspectives, *Int. J. of Current Res.*, 5(08): 2118-2122, Impact Factor (1.125), (ISSN: 0975-833X) **(International)**.
52. Ramudu, K.R. and **Dash, G.**, 2013, Prevalence of Monogenean Parasites on Indian Major Carps in Bheries of West Bengal, *Int. J. of Chemical and Biochemical Sciences*, 4:13-21, Impact Factor (3.168), (ISSN: 1991-8631).
53. **Dash, G.** and Ramudu, K.R., 2013, Role of Ichthyophagous birds on culture-based fisheries in Aqua sector, their prevention and control: A Review. *Int. J. of Current Res.* 5(03):711-717. Impact Factor (1.125), ISSN-0975-833X.
54. Sahu, B., Nayak, A.K., Singh, S.D., Behera, B.K. and **Dash, G.**, 2010, Preliminary characterization of multiple antibiotic resistant *Escherichia coli* isolated from fish processing plants, *Asian J. of Microbiol. Biotech. Env. Sc.*, 12 (3): 603-608., (NAAS rating-2.6, Impact Factor-0.034) ISSN: 0972-3005.
55. **Dash, G.**, Sahu, S.K. and Udghata, S.K., 2008, Study on diseases of giant freshwater prawns *Macrobrachium rosenbergi* in the rice fields/ Bheries of West Bengal, *Asian J. of Microbiol. Biotech. Env. Sc.*, 10 (2): 319-322, (NAAS rating-2.6, Impact Factor 0.034), ISSN: 0972-3005.

NATIONAL: (79)

56. Behera, B., Bhowmick, S., Saha, A., Mali*, P., Sen, A., Mukherjee, D., Chakraborty, N., Chettri, A., Kishore, J., **Dash, G.**, Abraham T. J., and Karmakar. S., (2026), Comparative antibacterial and safety assessment of ethanol and chloroform extracts of *Ayapana triplinervis* in Nile Tilapia (*Oreochromis niloticus*). *Indian J Anim Health*, 65(1)- Special Issue: 172-185. **NAAS Rating: 5.01**, DOI: <https://doi.org/10.36062/ijah.2026.spl.05826>
57. Sanjib Saha a*, Manoj Kr. Tripathy b and **Gadadhar Dash**, (2025), Molecular Detection of the Seasonal Bacterial Diversity from a Freshwater Lake in West Bengal, India. *Uttar Pradesh Journal of Zoology* Volume 46, Issue 6, Page 60-71, 2025; Article no.UPJOZ.4653 ISSN: 0256-971X (P) **NAAS Rating: 5.24**, DOI: <https://doi.org/10.56557/upjoz/2025/v46i64845>
58. Sayan Bhowmick¹, Ankita Saha¹, Prasenjit Mali^{1,*}, Debapriyo Mukherjee¹, Nabanita Chakraborty¹, Arya Sen¹, Banishree Behera¹, **Gadadhar Dash¹**, Thangapalam Jawahar Abraham¹, Asmi Chettri¹, Jogineedi Giri Kishore ¹(2026) Antibacterial activity of *Ayapana triplinervis* against multidrug-resistant *Aeromonas* in aquaculture *Academia Biology* Page: 1-12, <https://doi.org/10.20935/AcadBiol8278>,
59. Snigdha Karmakar¹, Sanjoy Das², Leesa Priyadarsani², **Gadadhar Dash¹** and T. Jawahar Abraham¹ (2025), Surveillance of tilapia lake virus (TiLV) in diverse aquaculture systems of the Indian Sundarbans and adjoining regions in West Bengal, India, *Indian J. Fish.*, 72 (3): 136-143, 2025, **NAAS Rating: 6.4**, doi:10.21077/ijf.2025.72.3.166556-15

60. Guchhait, A., Mali, P., Mukherjee, D., Chakraborty, N., Das, Tanik, Pradhan, D. and **Dash, G.** (2025), Uttar Pradesh Journal of Zoology, 46 (16):41-51. Antibiotic Resistance in Bacteria from *Penaeus vannamei* Shrimp Farming: Challenges and Importance of Sustainable Aquaculture Practices in West Bengal India **NAAS Rating: 5.24**, [\(https://doi.org/10.56557/upjoz/2025/v46i165178.46\(16\)\)](https://doi.org/10.56557/upjoz/2025/v46i165178.46(16)) (41-51) ISSN: 0256-971X (P).
61. Biswas, A., A. Bardhan² *, D. Mukherjee¹, and K. B. Sanyal, **G. Dash¹** and T.J.Abraham,2023 Study on the Density and Identification of Gut Bacteria from Nile Tilapia (*Oreochromis Niloticus*, Linnaeus, 1758) Cultured in Biofloc System at West Bengal, India *Adv. Biores.*, Vol 14 (6) November 2023: 71-77, Print ISSN 0976-4585; Online ISSN 2277-1573 **NAAS Rating.....**
62. Guchhait, A., Mali, P., **Mukherjee, D.**, Chakraborty, N., and **Dash, G.** (2023). Investigation on running mortality syndrome (RMS) in *Penaeus vannamei* culture with control measures. *The Pharma Innovation Journal*, 12(12): 1936-1945.
63. Biswas, A., Bardhan, A., Mukherjee, D., Sanyal, K. B., **Dash, G.** and Abraham, T. J. (2023). Study on the Density and Identification of Gut Bacteria from Nile Tilapia (*Oreochromis Niloticus*, Linnaeus, 1758) Cultured in Biofloc System at West Bengal, India. *Advances in Bioresearch*, 14(6): 71-77
64. Biswas, A., Bardhan, A., **Dash, G.**, Mukherjee, D., and Sanyal, K. B. (2023). A Novel Risk-Based Quantifiable Approach to Biosecurity Measures in Biofloc Units of West Bengal, India: Implications for Consumer Safety. *Journal of Environmental Informatics Letters*, 10(1): 32-39
65. Saha,S.,Pradhan, D. and **Dash, G. (2023)**Studies on diversity of bacterial diseases and occupational risks through mudcrab aquaculture in West Bengal *J. Pure Appl. Microbiol* PP. 1-10 ,2023 **NAAS Rating.....**
66. Biswas¹, A. ,A. Bardhan² *, G. Dash¹, D. Mukherjee¹, and K. B. Sanyal (2023, A Novel Risk-Based Quantifiable Approach to Biosecurity Measures in Biofloc Units of West Bengal, India: Implications for Consumer Safety, *J.of Environmental Informatics Letters* 10(1) 32-39 (2023) **NAAS Rating.....**
67. Sanjib Saha^{1*} and **Gadadhar Dash²** ,2021,Zoonotic vibrio diversity and diseases in mudcrab fishery: Impacts on public health in India,Uttar Pradesh Journal of Zoology, 42(19): 48-58, ISSN: 0256-971X (P), **NAAS Score :4.21 (National)**.
68. Prasenjit Mali . Swagat Ghosh .**Gadadhar Dash** .T.Jawahar Abraham . Supratim Chowdhury . Sudhir Kumar 2021 .A study on ground reality of freshwater fish farming in biofloc tank in West Bengal, India/. *Inland Fish. Soc.India*53 (3&4): 132-142 **NAAS Score :4.54 (National)** .
69. **Dash,G.**,Bhattacharya Sanyal, K., Mukherjee, D, and Mali, P. 2020, Microbiome of Aquatic Vertibrates with special reference to fish. *Indian J. Anim. Health* 59(2) Special Issue: 195-205 **NAAS Score :4.5 (National)** .
70. Biswas, A., **Dash, G.** Mali, P. Joardar S., N. Abraham, T.J. Karmakar, S. Mukherjee , D. and Sanyal. K.B.2020; Vaccine potentiality of different antigenic preparations of *Aeromonas hydrophila* in Rohu, *Labeo rohita* Ham *Journal of Entomology and Zoology Studies* 8(5): 1674-1680 **NAAS Score :5.53 (National)** .
71. Vijay Sundar Deva G¹, Sayani Banerjee², Debapriyo Mukherjee², B.R. Sona¹, K. Karupphasamy³, T.J. Abraham² and **Gadadhar Dash²** ,2020 .Morphometric and molecular characterization of *Thelohanellus catlae* infecting the gills of Indian major carp catla, *Catla catla* (Hamilton, 1822) from West Bengal, India, *Ind. J. of Animal Res.* 54(7): 883-888, ISBN :0367-6722 **NAAS Score : 6.44 (National)**.
72. Sanyal, K., Mukherjee, D., Guchhait, A. and **Dash, G.**, 2018 Isolation and identification of different parasites from Indian Major Carps and Exotic Carps from South -24 Praganas West Bengal: *Ind. J. of Animal Sc.* 88 (8): 979-984, NAAS Rating. 6.09 **(National)**.
73. Mali, P. Bhattacharya Sanyal, K., Mukherjee, D., Biswas, A. Dey, B. Abraham, T.J., A., **Dash, G.**, and Joardar, S.N. 2018, Seroactivity of Crude and fractionated outer membrane protein of *A.sobria* isolated from gold fish (*Carassius auratus*, Linnaeus, 1758), *Innovative farming*, 3(2): 55-60, ISSN No. 2455 6521 Impact Factor, SJIF:3.6, IJIF 1.571 **(National)**.
74. Mali, P. Bhattacharya Sanyal, K., Mukherjee, D., Guchhait, A. and **Dash, G.**, 2017 Herbal feed additives as medicine and growth supporter to fishes : A review, *J. Interacad.* 21(3): 363-371, Jrn.IDJ274, ISSN No. 0971-9016, NAAS Rating. 3.96 **(National)**.
75. Mali, P. Bhattacharya Sanyal, K., Mukherjee, D., Guchhait, A. and **Dash, G.**, 2017 Nonspecific cytotoxic cells (NCC) in Fish : A review, *J. Interacad.* 21(3): 372-378, **Jrn.IDJ274**, ISSN No. 0971-9016, NAAS Rating. 3.96 **(National)**.

76. Bolem, M., Shankar,A.U., and **Dash, G.**,2016, A study on the use of chemicals and biological products in Indian Aquaculture, *Proc. of the 4th Intl. Conf. on Business, Management, Economics, Finance and Social Sciences* held at New Delhi, from 17-18 December,2016, ICBMEFSS 14 (12): 8487-8501(**National**).
77. Rani,S.Nagesh,T.S., **Dash, G.** and Abraham,T.J., 2016. Haematological response of *L.rohita*(Hamilton) fingerlings exposed low salinities.*Ind. J. Fisheries* 63(2) :127-131, ISSN: 0970-6011, Impact factor: 0.22, NAAS Rating: 6.22(**National**)
78. **Dash, G.** and Mukherjee, D.,2015. A review on parasitic diseases of fish and shell fishes and its preventive health Management in Aquaculture, *Proc. Zool. Soc. India, BAU, Lucknow,OP-07*, PP-75 (National)
79. Mandal, B., Dubey,S.K. Ghosh, S.K. and **Dash, G.**, 2015.Parasitic Occurrence in the Gaint Freshwater Prawn *Macrbrachium rosenbergii* from coastal West Bengal, India. *J.Parasitol.and Vector Biol.(JPVB)*7(6):115-119,Impact Factor (.....), EISSN:2141-2510 (**National**)
80. **Dash,G.**,Majumder,D., Ramudu,K.V.,2015. Seasonal distribution of parasites in fresh water exotic carps of West Bengal, India,*Ind.J.Anim. Res.* 49(1): 95-102,(NAAS rating-6.4),Print ISSN: 0367-6722, Online ISSN: 0976-0555
81. Ramudu, K.R., Rajesh, S.C., and **Dash, G.**, 2015. A Review on Biopharmaceuticals from Therapeutic Fishes and Ichthyotherapy *Proc. Nat. Con. Cha. Bio. Res. Mari* 145-156,ISBN978-81-927762-0-0(**National**).
82. Sharma,B.B. and **Dash,G.**,2015.New Dimensional Approaches of Nanotechnology in the diversified field of Fisheries and Aquaculture,*Aquatech*,Jan.78-80,NA
83. Banerjee,S., Patra,A., Adikesavalu, H.,Mondal, A., **Dash, G.**, and Abraham, T.J., 2014,Spinning (Whirling) Disease in Indian Major Carp Fingerlings,*Proc.Nat.Con.Cha.Bio.Res.Man,(Proceedings of the National Conference on Challenges in Biodiversity, Conservation and Resource Management) University of Kalyani, Kalyani, PP. 50-55*,ISBN978-81-927762-0-0(**National**)
84. Rajesh S.C., Banerjee,S., Patra,A.,**Dash,G.**,and Abraham, T.J.,2014.Molecular characterization of *Myxoboluscuttacki*(Myxozoa, Myxosporidia, Bivalvulida) infecting gill lamellae of minor carp *Labeobata* (Ham),*Mol.Biol. Res. Communications*(MBRC),3(4):231-239,Impact Factor (2.01),P ISSN:2322-181XE ISSN: 2435-2005(**International**)
85. Sharma, B.B., Borah, D. and **Dash, G.**, 2014.Aquaculture Disease Management Strategies Adopted by Fish Farmers of Nagaon District in Assam, India, *J. of Chem., Biol. and Phys. Sc.*,2227-2233,ICV: 5.46GIF: 0.68E-ISSN: 2249-1929,(**International**)
86. **Dash. G.**, Majumder, D. and Ramudu, K.R.,2014.Prevalence of Parasites in fresh water exotic carps of West Bengal,*Agric. Biol. Res.*30(2):141-155,Impact Factor (1.325), ISSN-0970-1907, **NAAS Rating 3.86**.
87. Ramudu, R.K. and **Dash, G.**, 2013. A Review on herbal drugs against harmful pathogens in Aquaculture, *American J.drug discovery and development.* 3(4):209-219, Impact FactorISSN(Online): 2150-427X(**International**)
88. Sethi, S.N., Jitendran, K.P. and **Dash, G.**, 2013. Occurrence of Philometralateolabracis (Philometridae) in the subcutaneous caudal fin region of sciaenid fishes of Bay of Bengal large marine ecosystem (BOBLME), Tamilnadu, (India), *Ind. J. of Geo Marine Sc.*42(5):606-610.Impact Factor (1.125), ISSN-0970-1909, **NAAS Rating 3.16.(National)**
89. Abraham, T.J., Sasmal, D., **Dash, G.**, Nagesh, T.S., Das, S.K., Mukhopadhyay, S.K. and Ganguly, S., 2013.Epizootiology and pathology of bacterial infections in cultured shrimp *Penaeus monodon*, Fabricus, 1798, in West Bengal, India. *Indian J. Fish.* 60(2): 167-171, NAAS rating-6.2ISSN-0970-6011, Impact Factor (0.2),
90. **Dash, G.** and Bhargvi, P. 2013,Acute and subacute toxicity ofNuvan an organophosphate on *Labeorohita* on some selected haematological parameters,*Agric.Biol.Res.*, 29(2):105- 121, Impact Factor(1.325),ISSN-0970-1907, NAAS Rating 3.86
91. **Dash, G.** Yonzon, P. and Majumder D.,2012. The haematological response of *Labeo rohita* (Hamilton) to the changes inacclimationtemperature, *The Indian Vet. J.*, 89(6):51-53, NAAS, ISSN- 0019-6479,Impact factor-0.05.
92. Ramudu, K.R., Rajesh, C., Priyadarshini, L. and **Dash, G.**, 2012, Use of Biofertilisers for sustainable Aqua Production, *Proc. of 25thNatl.Consv.ISSNofAgril. Engineers,I EWBSK, Kolkata*". 19-20 Jan pp. 95-102, NA
93. **Dash, G.**, Parida, S.K., Udgata, S.K. and Sahoo,S.K.,2011 Risk Factors associated with diseases of gaint freshwater prawn in West Bengal,India, *J.Aqua. in Tropics.* 26((3-4):91-108 ISSN :([National]) (MD Publications)

94. Chanda, M., Paul, M., Maity, J., **Dash, G.** and Sen Gupta, S., 2011, The use of Antibiotics and disinfectants in ornamental fish farms of West Bengal, *India J Nat Sc. Biol. Med*, 2:139-140, (Impact Factor)-2.318, ISSN=0976-9668.
95. **Dash, G.** and Bandyopadhyay, P.K., 2011. Prevalence and seasonal abundance of Protozoan parasites in Penaeid shrimp (*Penaeus monodon*) in high saline bheries of West Bengal, *Proc. of 22nd Natl. Cong. of Parasitol.* Univ. of Kalyani, W.B, Oct-30 to Nov-01, pp. 64-67, NA.
96. **Dash, G.**, Yonzon, P., Chanda, M. and Paul, M., 2011, Histopathological changes in *Labeorohita* (Hamilton) fingerlings to various acclimation temperature, *Chron. Young Scientist*. 2(1) :51-53, (Impact Factor-1.647), ISSN-2229-5186
97. Chanda, M., Paul, M., Maity, J., **Dash, G.**, Sen Gupta, S and Patra, B.C., 2011, Ornamental Gold Fish, *Carassius auratus* and related parasites in three districts of West Bengal, India, *Chron. Young Scientist*, 2(1) :51-53, (Impact Factor-1.647), ISSN-2229-5186.
98. Paul, M, Chanda, M., Maity, J., Sen Gupta, S, Patra, B.C. and **Dash, G.**, 2011, The use of antibiotics and disinfectant in fresh water prawn *Machrobrachium rosenbergii* in North and South 24 Parganas districts of West Bengal, *Chron. Young Scientist*, 2(1) :55-58, (Impact Factor-1.647), ISSN-2229-5186.
99. **Dash, G.**, Yonzon, P. and Roy, A., 2010, Prevalence and seasonal abundance of Protozoan parasites in penaeid shrimp *Penaeus monodon* in high saline bheries of West Bengal, *J. Exp. Zool. India*, 13(2):427-430., (Impact Factor 3.578), (ISSN-0972-0030).
100. **Dash, G.**, Parida, S. K and Udgata, S.K., 2010, Prevalence and occurrence of Argulosis in carps with special reference to the water quality parameters in the low saline bheries of West Bengal, *Proc. of 8th Ind. Fish. Forum, 2008, Published by IFSI and AFSIB, Mangalore India*, PP.262-270. NA
101. Parida, S.K., **Dash, G.** and Udgata, S.K., 2010. Histopathological and Haematological alterations of carp (*Labeorohita*) infected with Argulosis in freshwater bheries of West Bengal, *Proc. of 8th Ind. Fish. Forum, 2008, Published by IFSI and AFSIB, Mangalore India*, PP. 271-279, NA.
102. Paul, M., Chanda, M., Maity, J., Sen Gupta, S, Patra, B.C. and **Dash, G.**, 2010, Parasitic prevalences in fresh water prawn *Machrobrachium rosenbergii* in North and South 24 Parganas districts of West Bengal, *Chron Young Scientist*, 1:48-50, (Impact Factor-1.647), ISSN-2229-5186.
103. Sasmal, S.K. Choudury, A. **Dash, G.** 2009. Composition, diversity, distribution and seasonal changes of Fish juveniles in Hooghly Estuary of Sagar Island, Sunderban, West Bengal *J. Environ. and Sociobiol.* 6(1): 67-71 (National)
104. Sasmal, S.K. Choudury, A. **Dash, G.** 2009. Salinity, P^H and species diversity, of Ichthyoplankton in Hooghly Estuary, West Bengal, *India J. Environ. and Sociobiol.* 6(2):167-174 (National)
105. **Dash, G.**, Parida, S.K. Sasmal, S.K. and Sahoo, S.N. 2009. Argulosis in Carps with special reference to water quality parameters in low saline bheries of West Bengal. *India J. Environ. and Sociobiol.* 6(1):45--52 (National)
106. **Dash, G.**, Parida, S.K. and Sahoo, S.N. 2009, Histopathological observations on carps infected with Argulus in the fresh water Bheries of West Bengal., *J. Appl. Biosci.*, 35(2):159-162, (NAAS rating-7.5, Impact Factor:01.956) ISSN 1997- 5902.
107. Bose, P., Islam, S.K. Noor and **Dash, G.**, 2009, Prevalence of ornamental fish diseases in relation to water quality parameters of Howrah district, West Bengal, *J. Adv. Zool*, 30(1): 34-43, (Impact Factor: 1.000), ISSN: 0253-7214.
108. Sahoo, S.N., **Dash, G.**, Parida, S.K., and Nanda, S., 2009, Effect of AQUA-MOS on growth and survival of *Cirrhinus mrigala* fingerlings., *J. Appl. Biosci.*, 35(1): 29-34, NAAS rating-7.5, Impact Factor:01.956) ISSN 1997- 5902.
109. Panigrahi, A., Azad, I.S., Das, B.K., Dandapat, J., **Dash, G.**, Behera, S. and Mishra, S.S., 2009, Probiotic induced immunomodulation: Investigation into the cellular and molecular mechanism involved., *Res. J. Biotech.*, 4 (3):7-13., NAAS Rating(6.7), SCI, Impact Factor 0.143, Print ISSN :0973-263, E-ISSN: 2278 – 4535.
110. **Dash, G.**, Sahoo, S.N. and Dhali, M., 2009, Prevalence of Nematodes with special reference to *Capillaria* sp. (Chitwood et al., 1968) from major carps in India, *Proc. Natl. Sem. on Aquacult. Res. in India-Status and Strategies for future development*. BBSR, Odisha 26-27th March, PP. 81-83., NA
111. Udgata, S.K., **Dash, G.**, Parida, S.K. and Mishra, R., 2009, Isolation and Identification of human pathogenic *A. hydrophilum* in sea food of Gopalpur Coast, Orissa, *Ind. J. Animal Res.*, 43(1):45-48., (NAAS rating-6.4), Print ISSN: 0367-6722, Online ISSN: 0976-0555.

112. Parida, S.K., **Dash, G.** Udgata, S.K. 2008, Histological and Haematological alternations carp (*L. rohita*) infected with *Argulus* in the Freshwater Bheries of West Bengal. 271-279 *Proc. of 8th Indian Fisheries Forum by IFSI, Kolkata, AFSIB, Manglore, India*
113. **Dash, G.**, Parida, S.K. Sahoo, S.N. and Roy, A., 2008, Haematological alternations carps infected with *Argulus* in the Freshwater Bheries of West Bengal., *Ind. J. Anim. Hlth.*, 47(2) : 77-82, (NAAS rating-2.9), ISSN: 0019-5057.
114. **Dash, G.**, Udgata, S.K and Parisa, S.K., 2008, Study of Helminth zoonotic parasites of carps in freshwater culture systems of West Bengal., *Ind. J. Animal Res.*, 42(3):216-218., (NAAS rating-6.4), Print ISSN: 0367-6722, Online ISSN: 0976-0555.
115. Parida, S.K., **Dash, G.** and Udgata, S.K., 2008, Argulosis in carps with special reference to the water quality parameters of freshwater Bheries of West Bengal., *J. Inland. Fish. Soc. Ind. Spl. Issue*, 40(1):162-166, (NAAS rating-4.3), ISSN-1379-3435.
116. Parida, S.K., **Dash, G.** and Sahoo, S.N., 2008, Herbal mechanism for combating fish and shrimp diseases., *Aqua International*, May- June pp.19-21-, Registered no. 2899/93.
117. Das, R., **Dash, G.** and Mondal, S., 2006, Prevalence of Nematodes in cat fishes of commercial importance from Nadia District, West Bengal., *Aquacult.*, 7(2) : 327-330., (Impact Factor-2.041), ISSN- 0044-8486.
118. Roy, A., Maity, K., **Dash, G.** and Abraham, T.J., 2006, Microsporidiosis in *Penaeus monodon* in the Bheries of West Bengal, India, *J. Aqua.*, 14:23-27, (NAAS rating-2.5), ISSN 1927-5773.
119. **Dash, G.** and Bandyopadhyay, P., 2005, Prevalence and seasonal abundance of protozoan parasites in penaeid shrimp (*Penaeus monodon*) versus the water quality parameters of low saline bheries of West Bengal., *Aquacult.*, 6(2):165-173., (Impact Factor-2.041), ISSN- 0044-8486.
120. **Dash, G.**, Nath, P., and Saha, S. 2004, Prevalence of nematodes with zoonotic potential in Indian Major Carps in the fresh waters of West Bengal., *J. Environ. & Sociobiol.*, 1(1&2): 55-60., ISSN 0973-0834.
121. Kamilya, D., **Dash, G.**, Mal, B.C., Maiti, T.K. and Abraham, T.J. 2004, Bacterial flora associated with pond reared *Penaeus monodon* and the culture Environment held at Kolkata, *Proc. Natl. Sem. on "Sustainable Aquacult. for Augm of Export with spl. ref. to Env., Eng. and Value addition"*, Kolkata, Sept. 03-04, PP.105-109, NA.
122. **Dash, G.**, Saha, S. and Nath, P., 2004, Prevalence and seasonal occurrence of intestinal helminth communities of Indian major carps in the freshwaters of West Bengal., *J. Environ. & Sociobiol.*, 1(1&2): 21-28, ISSN 0973-0834.
123. **Dash, G.**, 2003, The effect of CIFAX on the blood parameters of EUS affected fish *Catla catla* (Ham), *Trans. Zool. Soc. East. Ind.*, 7(1): 9-10, (Impact Factor-1.883), ISSN: 0049-8769.
124. Maity, K., **Dash, G.** and Das, N., 2003, Bheri a Potential Renewable source for waste disposal, *Environ. and Ecol.*, 21(Spl. Pub.): 3-5. (NAAS rating-2.1), ISSN: 0970-0420.
125. **Dash, G.** and Bandyopadhyay, P.K., 2003, Isolation of Epizootic ciliates from shrimp (*Penaeus monodon*) in the Bheries of West Bengal, *Environ. and Ecol.*, 21 (Spl Pub): 14-16, (NAAS rating-2.1), ISSN: 0970-0420.
126. Bandyopadhyay, P. and **Dash, G.**, 2001, First record of a Ciliophorans *Trichodinadomerguia* F. Magna LOM 1960 from freshwater fish *Pseudocryptus lanceolatus* (Bloch and Schneider) from India., *J. Bombay Nat. History Soc.*, 98(2):311-315, (Impact factor - 1.2), ISSN 0006-6982.
127. **Dash, G.** and Bandyopadhyay, P.K., 2000, The Causative Factors of EUS in India, *Geobios*, 27(23):95-97., (Impact factor - 7.3), ISSN: 0251-1223.
128. **Dash, G.** and Bandyopadhyay, P.K., 2000, A Global Parasitological studies in EUS with special reference to India., *Environ. and Ecol.*, 18(1):192-195., (NAAS rating-2.1), ISSN: 0970-0420.
129. **Dash, G.**, 2000, Aquaculture needs fresh look in 21st century, *Indian J. Environ. & Ecoplan.*, 3(2):351-356., (Impact Factor:0.156), ISSN: 0972-1215.
130. **Dash, G.** and Chatterjee N.R., 2000, Strategies for Environmental Management in Aquaculture, *Indian J. Environ. & Ecoplan.*, 3(3):749-752, (Impact Factor:0.156), ISSN: 0972-1215.
131. Chatterjee N.R. and **Dash, G.**, 2000, New Dimension in Common Carp breeding in India., *Indian J. Environ. & Ecoplan.*, 3(2):433-434., (Impact Factor:0.156), ISSN: 0972-1215.
132. Kamilya, D., **Dash, G.**, Mal, B.C., Maiti, T.K., Bandyopadhyay S, and Abraham, T.J. 2000, Investigation into disease associated problems of modified extensive pond reared *Penaeus monodon* in West Bengal, India., *Proc. Int. Conf. on Eng. Tech. in Agricult. and Food Eng.* (etae 2004), IIT Kharagpur, ISBN. 1844640469, 8188342521, Dec.14-17, 2004: 391-396., NA (International).

133. Samantaray, K. Mohanty, S.S., and **Dash, G.**, and Mishra, K., 1999, The effects on acclimation temperature on the growth performance and the activities of ASAT and ALAT of the air breathing teleost, *Channa striata*, (chanidae), *Proc-5th Indo-Pac. Fish Conf. Naumea*, 1997, Seretand J-Y Sire, Paris: Soc. Fr. Ichtyo, 1999: 481-490, NA (International).
134. Chatterjee N.R. and **Dash, G.** 1999, A package for development of enterprenuership in Aquaculture, *Proc. Natl. Workshop on Enterprenuership Development based on Chemical and Agrotechnologies*, Feb (23-28): 148-151, NA.

2. Popular Articles:

1. Dash, G., Mukherjee, D., Bhattacharya Sanyal, and Chakraborty, N. (2024). Chingirakichugurutwapurnarog o tar pratikar Special Proceedings of the West Bengal Fishery Officers Association, 22nd June-2024, PP-07
2. Guchhait, A. Mukherjee, D., Chakraborty, N. Das, Tanik and Dash, G. (2025) Paschimbange Vennami chase ra, Atit, Bartaman o Bhabisyata, P rani Bikash, February, 2025 PP. 38
3. Mishra, M., J. Josi Saren, Bhakta, T. Sinha, P. Mukherjee, D., Bhattacharya Sanyal, K. and Dash, G. (2024). Blue blood Crabs, - A new hope for cancer Treatment. *Aquainternational*, July-2024, PP: 42-44
4. Bhakta, T., Sinha, P., Mishra, M. Sharon, J.J., Mukherjee, D. Sanyal, K.B., Dash, G. 2022, Commonly occurring freshwater fish diseases and its remedial measures in West Bengal, *Aqua Star*, Nov, PP. 80-82.
5. Dash, G., Bhattacharya Sanyal, K., Mukherjee, D., and Guchhait, A. (2018). *Penaeus indicus* culture the alternative of *Litopenaeus vennamei*, *Proceedings of Meen Samachar*, Bengal Aqua Expo, Nachinda, East Midnapore Feb.-2018, PP. 21-23.
6. Dash, G., Bhattacharya Sanyal, K., Mukherjee, D., and Guchhait, A. (2018). Nutritional deficiency in *Litopenaeus vennamei* and its solution. *Proceedings of Meen Samachar*, Bengal Aqua Expo, Nachinda, East Midnapore Feb.-2018, PP. 16-20.
7. Majumder, D. and Dash, G. (2017), Application of Nanotechnology in Fisheries and Aquaculture, *Everyman's Science*, 11(6): 358-364.
8. Dash, G., K., Mukherjee, Bhattacharya Sanyal, D., Julianta, B.R. and Guchhait, A. (2017). Pond Automation - A Novel idea for risk management in shrimp culture. *Aqua International*, Aug. PP. 56-58.
9. Bole, M., Shankar, A.U., and Dash, G., (2017), Shrimp toilet-The Concept, Design and Utility-A solution to culture Problems, *Aquaculture Guide*, April, 2017, PP. 52-54.
10. Bole, M., Shankar, A.U., and Dash, G., (2017), Water Quality Management for *Penaeus vennamei* farming, *Aquaculture Guide*, March, 2017, PP. 52-54.
11. Bole, M., Shankar, A.U., and Dash, G., (2017), Shrimp Post Larvae, Quality evaluation, stress tests and acclimation. *Aquaculture Guide*, Feb. 2017, PP. 51-54.
12. Dash, G., Bhattacharya Sanyal, K., Mukherjee, D., and Das, G. (2017). Some Important diseases of Shrimp and their remedy, *Proceedings of Meen Samachar*, Bengal Aqua Expo, Feb.-2017, PP. 01-06
13. Dash, G., Bhattacharya Sanyal, K., Mukherjee, D., and Das, G. (2016). Shrimp disease surveillance and their health Management, *Proceedings of Meen Samachar*, Bengal Aqua Expo, Feb.-2016, PP. 63-66
14. Mandal T., Sharma, B.B., Paul, P. and Dash, G. (2014). Significance of Anesthesia with special reference to Fish Health Management, *Aqua Star*, April, P-29-31.
15. Mandal T., Sharma, B.B. and Dash, G. (2014). Pacu (*Piaractus brachipomus*)- A Potential species for Aquaculture, *Aqua Star*, April, P-20-26.
16. Sharma B.B. and Dash, G. 2013. Ichthyotherapy-An emerging concept, *Aqua Star*, Aug: P: 59-60, NA
17. Dash, G., Ramudu, K.R., and Sarkar, S., 2013, New Dimension in Herbal Remedies to combat pathogens in Aquaculture, *Fishing Chimes*, 33(3): 84-87, ISSN-0971-4529.
18. Ramudu, K.R. and Dash, G., 2013, A Review on Fish Vaccination, -It is a natural health solution for Aquaculture Disease Problems, *Aquatech*, March pp. 71-77, NA
19. Sharma, B.B. and Dash, G. (2013). Water colour in aquaculture, (Social Environmental and Biological Association), *SEBA Newsletter*, 5(1): 1-2.
20. Priyadarsani, L., and Dash, G. 2013. Hereditary diseases of fishes, (Social Environmental and Biological Association), *SEBA Newsletter*, 5(1): 2-4.
21. Kurva, R.R., and Dash, G. 2013. Toxins released by various Parasites/ Pathogens and their effects: Alternative remedy for good health: A Review, (Social Environmental and Biological Association), *SEBA Newsletter*, 5(1): 4-8.

22. Sharma, B.B and Dash, G. (2013). Influence of stress on Immune system of fish, Aquafind, On line Publication Magazine(Aquatic Fish Data Base),PP-1-5
23. Sharma, B.B and Dash, G. (2013). Toll like Receptors(TLR) in Fish, Aquafind, On line Publication Magazine(Aquatic Fish Data Base),PP-1-4
24. Kurva R.R.,Dash G. and S. Chinna Rajesh, (2012). Review and Current economic importance of Ornamental Fish *Scatophagus argus* and its brief study, Aqua international, September, pp. 27-34.
25. Kurva R.R.,Dash G., Yarrakula Mahesh Babu, S. Chinna Rajesh, Leesa Priyadarshini, (2012) Potential affect of food born toxins on humans and their prevention and control, Aqua international, August,pp.26-33.
26. Kurva,R.R.,S.Chinna Rajesh, Priyadarsani Leesa andDash,G.,(2012). Indigenous Technological Knowhow (ITK) in Aquaculture in West Bengal Region, Aqua Star, Aug. P-50-54.
27. Kurva,R.R., Dash,G, Babu,M.R. ,Kumar, B.P. and S.ChinnaRajesh,(2012). Adverse effect of wild fishes(like weed and predatory fishes) on Aquaculture- their prevention and control, Fishing Chimes, July 32(4): 49-52.
28. Kurva,R.R., Dash,G. Babu, Y.M. and Bhaskar, J., (2012). Complete basic study of blood morphology in fishes, Aqua Star, July, P-25-32.
29. Dash, G.Parida, S.K., Sahoo, S.N., Dhali, M. 2008, Consequences of Climate change verses sustainable development with special reference to fisheries., Aqua International, November pp. 26-29., Registeredno.2899/93.
- 30.
31. Chatterjee, N.R. Dash G. and Parida, S.K.2007, Traditional Aquaculture in West Bengal, Fishing Chimes, PP. 29. NA
32. Dash, G., Bandopadhyaya, P.K., Maity, K., Roy, A., 2002, Shrimp culture in the Bherys of West Bengal – An overview., Fishing Chimes, 22 (4): 59 -60, ISSN-0971-4529.
33. Dash, G. and Chatterjee, N.R. (2000). A new dimension in common carp breeding.Fishing Chimes, 19 (12): 17
34. Dash, G. 1999, Application of Ozone to control Air pollution, The Tech.Bull.,West Bengal Vet. Assoc.,17: 11-14, NA.
35. Dash, G. and Behera, S., 1999, Ozone based treatment of water and waste water, Greentechnology., 2 (9& 10): 7 -10, NA.
36. Dash, G., 1999, Herbal use in Aquaculture, Green technology., 2 (1& 2) : 44-46., NA
37. Dash, G.(1996). Why fish farming, Fishing Chimes, 16 (3) : 30
38. Dash, G.(1996). Tips for buying healthy prawn fry, Farm digest, July , pp. 19.
39. Dash, G. and Mohapatra, S. (1993). Fish in ponds and Mushrooms in bonds boost up profits, Fishing Chimes, 16 (11) : 25

ODIA: (25)

40. Dash, G. and Mohapatra, S. (1996). Mastya Silpa ra Bikas re Mahila Manankara Bhumika, The KrushakaSambad. April 8(4): 7
41. Dash, G. (1996). Machha Khyata Rogara Karan 'O' Khyta Machha raUpayoga. The Paribesh Tarang, May, p - 29-30.
42. Dash, G. (1996). Nile RaktKankada Eka Bihangabalokana. The KrushakaSambad. July. 8 (7) : 8
43. Dash, G. (1997). Jaliya Paribesh 'O' Machha. The Dharitri. 29.10.97. p. 5
44. Dash, G. (1997). JanlaChadibaPareMachhaPokharirajatna. The Samaya. 5.11.97.p.5
45. Dash, G. (1997). Machha 'O' Chingudiru Achara Prastuti, The Samaya , 3.12.97. p.5.
46. Dash, G. (1997). Machha Chasa re Janlara Bhumika. The Samya, 24.9.97. p. 5
47. Dash, G. (1997). Machha chasa re Jayanti. The Dhaitri, 10.12.97. p.4
48. Dash, G. (1997). Machha pain Pokhari. The Dharitri, 23.4.97. p.4.
49. Dash, G. (1997). Machha ra Khyata Roga. The Samaya, 26.11.97. p.5.
50. Dash, G. (1997). Mishrita Machha Chasa re Jayanti raAbhyuthan. The Samaya, 10.12.97.p.5.
51. Dash, G. (1997). Machha Chasa re Janala ra Bhumika. The Dharitri, 28.7.97. p. 4.
52. Dash, G. (1997). Machha rasatru Sikari Machha. The Dharitri, 9.4.97.p.4.
53. Dash, G. (1997). Orissa re Nila Rakta Kankada, The Samaya, 29.10.97.p.5.
54. Dash, G. (1997). Pokhari re Mishrita Machha Chasa, The Dharitri, 12.3.97.p.4.

55. Dash, G. (1997). Rangin Machha Baibsaya. The Krushaka Sambad, September, 9(9):8
56. Dash, G. (1997). Machha Janla Chinhi Bara Kaushala. The Dharitri, 13.8.97.
57. Dash, G. (1998). Bilati Rohi Prajanana, The Samaya, 8 (40) : 5
58. Dash, G. and Dora, K.C. (1999). Machha Sikar Eka Soukhin Byabasaya. The Dharitri, 11.8.99. p.4. & The Samaya, 11.8.99. p.5.
59. Dash, G. (2000). Macha Rogara Utapati 'O' Sankramana, The Dharitri, 13.12.2000. p.4.
60. Dash, G. (2001). Khara Pani Chinguri Chasa re Samashya 'O' tar Samadhan, The Samaya, 22.01.2001. p.5.
61. Dash, G. (2002). Macha ra Parajibi rog, 'O' Nirakaran. The Dharitri, 22.05.02. p.4.
62. Dash, G. (2002). Machha ra Parajibiroga. The samaya, 28.05.02. p.5.
63. Dash, G. (2002). Bangiyasaili re Machha Tarakari. The Dharitri, 18.06.02. p.4.
64. Dash, G. (2007). Horlicks, Complian 'O' Machha Janla, The Samaj, 20.09.2007. p.6

3. Books/ Books chapter:

A. Books:

1. **Freshwater Fish Parasites.** Gadadhar Dash. New India Publishing Agency (NIPA), New Delhi, India. pp. 1-166. **ISBN:** 978-93-81450-25-3.
2. **Parasitic Diseases of Exotic Carps.** Debolina Majumder, Rajib Deb and Gadadhar Dash. LAMBERT Academic Publishing (e-Publication). pp. 1-169. **ISBN:** 978-3-8465-8355-5.
3. **JALAJA.** Gadadhar Dash. Usha Purna Memorial Trust, Bhubaneswar, Odisha, India. pp. 1-64. *Popular book in Odia for the fish-farming community.*
4. **Problems in Aquaculture and Its Solutions.** Gadadhar Dash. Daya Publishing House, a division of Astral International Pvt. Ltd. pp. 1-400. **ISBN:** 978-93-90435-05-0 (HB).

B. Book Chapters:

1. **Chapter 10: A Package for Development of Entrepreneurship in Aquaculture.** In: *A Handbook on Entrepreneurial, Chemical and Agro-Technological Vision.* Published by H. Nandy Majumdar on behalf of the Organizing Committee of the National Workshop on EDBCAT, South 24 Parganas, West Bengal, India. pp. 148-150.
2. **Chapter 04: Flora, Fauna and Fish Potential of Lentic Waters.** In: *Wetland Conservation and Management.* Dr. B. B. Hosetti (Ed.). Painter Publisher, Rajasthan, India. pp. 88-103.
3. **Chapter 10: Organic Farming in Aquaculture with Special Reference to Vermicompost for Sustainable Aquaculture.** In: *Aquatic Biology and Aquaculture.* Dr. V. B. Sakhare (Ed.). Mangalam Publications, Delhi, India. pp. 109-121.
4. **Chapter 09: Plankton Hazards in Aquaculture.** In: *Plankton Dynamics of Indian Waters.* Prof. B. B. Hosetti (Ed.). Prateeksha Publications, Jaipur, Rajasthan, India. pp. 126-132.
5. **Chapter 20: Prevalence of Carp Diseases in Relation to Water Quality Parameters in the Culture Areas of West Bengal, India.** In: *Diversification of Aquaculture.* Archana Sinha, Subhendu Datta and B. K. Mahapatra (Eds.). Narendra Publishing House, New Delhi, India. pp. 211-218.
6. **Chapter 10: Introduction to Freshwater Fish Parasites.** In: *Advances in Fish Research,* Vol. V. Prof. U. C. Goswami (Ed.). Narendra Publishing House. 2013. pp. 173-191.
7. **Chapter 01: Freshwater Protozoan Parasitic Diseases of Finfishes, Their Etiology and Preventive Health Management in Aquaculture.** In: *Advances in Fish Disease Diagnosis and Fish Health Management,* Vol. I. Prof. B. K. Kalita and A. Ali (Eds.). College of Fisheries, Assam Agricultural University (AAU), Raha, Nagaon, Assam. pp. 1-19.
8. **Chapter 39: Morphometric and Molecular Identification of *Thelohaneluscatlae* Infecting the Gill of *Catla catla* from South 24 Parganas, West Bengal, India.** In: *Sustainable Management of Aquatic Resources.* Dr. B. K. Mahapatra, Dr. A. K. Roy and Dr. Nemai Chandra Permanik (Eds.). Narendra Publishing House. 2018. pp. 517-519.
9. **Chapter 01: A Review on Probiotics as an Alternative Pathway in Solving Various Problems in Aqua Farming.** Sushrirkha Das, Mahidhar Bole, Nityasundar Pal, Krishnakant Das and Gadadhar Dash. In: *Research Trends in Fisheries and Aquatic Sciences,* Vol. 8. AkiNik Publications, New Delhi. 2020. pp. 3-22. **ISBN:** 978-93-90420-12-4.

10. **Chapter 01: Recent Advances in Fish and Shrimp Health Management for Sustainable Aquaculture.** Debajyoti Pradhan and Gadadhar Dash. In: *Recent Trends in Environmental Science and Applied Ecology*. Bhumi Publishing House, Kolhapur, Maharashtra. 2021. pp. 1–17. **ISBN:** 978-93-91768-04-1.
11. **Chapter 10: Studies on Bioresource, Threats, and Conservation of Aquacultural *Scylla serrata*.** Sanjib Saha, Debajyoti Pradhan and Gadadhar Dash. AkiNik Publications, New Delhi. 2022. pp. 111–141. **ISBN:** [Not provided].
12. **Chapter 06: Antimicrobial Resistance in Finfish and Shellfish Aquaculture and Its Potential Impact on Public Health.** Debajyoti Pradhan, Sanjib Saha, Monomita Pradhan and Gadadhar Dash. Academic Press, an imprint of Elsevier. 2025. pp. 101–115.