

FACULTY MEMBER ACADEMIC PROFILE

1. **Full name of the faculty member:** Dr Gadadhar Dash
2. **Designation:** Professor
3. **Specialisation:** Fish and Shell fish Pathology, Parasitology & Histopathology
4. **Contact information:** Phone No.: 9433326219(M)
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.
Orissa University of Agriculture and Technology (O.U.A.T) Orissa	M.F.Sc.
Orissa University of Agriculture and Technology (O.U.A.T) Orissa	B.F.Sc

6. Positions held/ holding or Work Experience:

Post hold with Designation	Govt./University/ Pvt. Organization/Institute	Period of Service
Professor	FFSc. ,University (WBUAFS)	2013- Till Date (Jan)
Assoc. Professor	FFSc. ,University (WBUAFS)	2010 - 2013 (Jan) (Jan)
Reader	FFSc. ,University (WBUAFS)	2007 - 2010 (Jan) (Jan)
Lecturer (Senior Scale)	FFSc. ,University (WBUAFS)	2003 - 2007 (Nov) (Jan)
Lecturer	FFSc. ,University (WBUAFS)	1998 - 2003 (Jan.) (Nov)
Jr. Fishery Officer / Supdt. of fisheries	Dept. of Fisheries Govt. of Odisha	1996 - 1998 (Nov.) (Jan.)
Training Assistant	KVK, University (OUAT)	1995 - 1996 (Nov.) (Nov.)
Senior Technician (Aquaculture)	Paragon Aquaculture Consultancy (Pvt), Balasore, Odisha.	1994 - 1995 (Nov.) - (Nov.)
Senior Research Fellow	COF, University (OUAT)	1993 - 1994 (Dec.) (Nov.)

7. Membership of Learned Societies:

- 1) Network of Fish Pathology, NBFGR, Lucknow.
- 2) Professional Fisheries Graduates Forum, Mumbai.
- 3) Life member of Social , Environmental and Biological Association (SEBA), ZSI, Kolkata.
- 4) Life member of Paschimbanga Vigyan Mancha..
- 5) Life member "Prani Vikash" The Begali Fortnightly News Letter.
- 6) Life member "Zoological Society of India"(ZSI)
- 7) Member Inland Fisheries Society of India, CIFRI, Barrackpore

8. PATENT APPLIED FOR: Detection kit for *Aeromonas hydrophila* infection in fish and method of detecting the same. 1. Dr S N Joardar 2. Dr T.J. Abraham & 3. **Dr G.Dash**

9. Seminar / symposia/course Organised:

SL No.	Name of the Programme	Title of Conference / Seminar	Date & Duration
1.	Workshop	Fish Health Management	11-12 th August-2009
2.	Farmer's Day	Fish Farmer's Day-2012	25 th July-2012
3.	Workshop	Disease Issues & Health	24 th March-2015

		Management in Aquaculture Systems.	
4.	Workshop	Advance Practices on Fish and Shrimp Health Management for Sustainable Aquaculture	22 th March-2016

10. Invited lectures delivered:

SL No.	Title of Lecture / Academic Session	Title of Conference / Seminar	Organized by
1.	Fish and Shrimp health Management –A serious concern	International Symposium on Culture based fisheries in Inland Open Waters	CIFRI, Barrackpore
2.	Fish and Shrimp parasites in India-current Scenario	26 th All India Congress of Zoology & International Symposium on Innovation in Animal Sciences for Food Security, Health Security and Livelihood	Babasaheb Bhimrao Ambedkar University (Central University).
3.	Medicines used in Aquaculture In India	Fisheries Officers level Training Programme for UP, Haryana and Himachal Pradesh	National Bureau of Fish Genetic Resources, NBFGR, Lucknow
4.	Fish protozoan diseases and its preventive health Management	Fishery Extension Officers Training Programme	COF, Raha, Assam
5.	Parasitic diseases of finfishes & shellfishes and its preventive health management in Aquaculture	National level Training Programme for Fisheries Officers/ Teachers/scientists	CIFA, BBSR
6.	Parasitic diseases of fin Fish and Shrimps and its preventive health management	ICAR short course on - Molecular Approaches in diagnosis and control of emerging and Transboundary diseases of freshwater fish and shellfish	CIFA, BBSR

11. Awards:

Sl. No.	Name of the Awards with the host Organization	Year of Receive
1.	ICAR Junior Fellowship Award	1990
2.	University Gold Medal Award	1993
3.	Best Poster Presentation Award (Gold Medal) by ZSI, (Co-Author)	2013
4.	Fellow of Zoological Society of India Award	2014
5.	Dr S.P. Gupta Gold Medal Award by ZSI	2015
6.	Best Performer Award by Dept. of Fisheries & Indian Chamber of Commerce in Bengal Fish Fest	2016
7.	Reviewer Excellence Award by Agricultural Research Communication Centre (ARCC)	2016

12. Conference/ Seminar attended: (Last Five Years)(2012-2017)

SL NO.	Title of Conference / Seminar	Organized by
1.	29 th All India Congress of Zoology, International Symposium on Culture based fisheries in Inland Open Waters , Satellite Symposium on Fish Immunology	CIFRI, ICAR, Barrackpore
2.	Project Review Meeting and International Symposium on Aquatic Animal Health and Epidemiology for sustainable Aquaculture	NBFGR ,ICAR, Lucknow
3.	National Seminar on Priorities in Fisheries and Aquaculture	COF, OUAT , Odisha
4.	Workshop on Intellectual Property Rights	Directorate Research, Extension

		and Farms, WBUAFS and Patent Information Centre , DST-Govt. of WB
5.	26th All India Congress of Zoology & International Symposium on Innovation in Animal Sciences for Food Security, Health Security and Livelihood,	Babasaheb Bhimrao Ambedkar University (Central University)
6.	Bengal Fish Fest	Dept. of Fisheries & Indian Chamber of Commerce
7.	FAO "Re-echo Seminar on Acute Hepatopancreatic Necrosis Disease"(AHPND)	NBFGR,ICAR, Lucknow
8.	2 nd Asian Congress of Protistology & 9 th Asian Conference on Ciliate Biology	Kalyani University, Kalyani
9.	10 th Indian Fisheries and Aquaculture Forum & International Workshop on Surveillance of Fish Diseases	NBFGR ,ICAR, Lucknow
10.	25 th All India Congress of Zoology & National Seminar on Threats to biodiversity and ecosystems: Impacts of Developmental Projects and Climate Change	GurukulKangri University,Haridwar-
11.	100 th Indian Science Congress	Calcutta University,Kolkata
12.	24 th All India Congress of Zoology & National Seminar on Biodiversity & its management for food ,lively hood & Environmental security	Kalyani University, Kalyani,W.B
13.	Orientation Training Workshop on "National Surveillance Programme for Aquatic Animal Diseases"	NBFGR, Lucknow
14.	National Consultation on Development of Surveillance Programme for Aquatic Animal Diseases	NBFGR, Lucknow
15.	Expert Consultation on Academic Partnership for Excellence and Networks	CIFE, Kolkata Centre

13. Publication:

a. National Publication:

- 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(**International**).
- 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**)
- 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
- Mandal, B., Dubey,S.K. Ghosh, S.K. and **Dash,G.**,2015.Parasitic Occurrence in the Gaint Freshwater Prawn *Macbrachiumrosenbergii* from coastal West Bengal, India. *J.Parasitol.and Vector Biol.(JPVB)*7(6):115-119, ImpactFactor (.....),EISSN:2141-2510 (**International**)
- 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
- 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**).
- Banerjee,S., Patra,A., Adikesavalu, H.,Mondal,A., **Dash,G.**,andAbraham, T.J., 2015,Spinning (Whirling) Disease in Indian Major Carp Fingerlings,*Proc.Nat.Con.Cha.Bio.Res. Mari*,50-55,ISBN978-81-927762-0-0(**National**)
- 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
- Rajesh S.C., Banerjee,S., Patra,A.,**Dash,G.**,and Abraham, T.J.,2014.Molecular characterization of *Myxobolus cuttacki*(Myxozoa, Myxosporea, 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**)
- 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**)

11. **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.**
12. 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**)
13. Sethi, S.N., Jitendran, K.P. and **Dash, G.**, 2013. Occurrence of Philometralateolabracis (Philametridae) 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)**
14. 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*, Fabricius, 1798, in West Bengal ,India.*Indian J. Fish.* 60(2): 167-171, NAAS rating-6.2ISSN-0970-6011 , Impact Factor (0.2),
15. **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
16. **Dash, G.** Yonzone, 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.
17. Ramudu, K.R., Rajesh, C., Priyadarshini, L. and **Dash, G.**, 2012, Use of Biofertilisers for sustainable Aqua Production, *Proc. of 25thNatl.Consv.ISSNof Agril. Engineers,I EWBSC, Kolkata*". 19-20 Jan pp. 95-102, NA
18. **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)
19. Chanda, M., Paul, M., Maity, J., **Dash, G.** and Sen Gupta, S., 2011, The use of Antibioticsand disinfectants in ornamental fish farms of West Bengal, *India.J Nat Sc. Biol. Med*, 2:139-140, (Impact Factor)-2.318, ISSN=0976-9668.
20. **Dash, G.** and Bandyopadhyay, P.K.,2011.Prevalence and seasonal abundance of Protozoan parasites in Penaid shrimp (*Penaeusmonodon*) 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.
21. **Dash, G.**, Yonzone, 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
22. 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.
23. 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.
24. **Dash, G.**, Yonzone, P. and Roy, A., 2010, Prevalence and seasonal abundance of Protozoan parasites in penaeid shrimp *Penaeus monodon* in high saline bheries of West Benal,*J.Exp.Zool.India*, 13(2):427-430., (Impact Factor 3.578),(ISSN-0972-0030).
25. **Dash, G.**, Parida, S.K and Udgata, S.K.,2010, Prevalence and occurrence ofArgulosis in carps with special reference to the water quality parameters in the low saline bheries of West Bengal, *Proc. of 8thInd.Fish. Forum ,2008, Published by IFSI and AFSIB, Mangalore India*, PP.262-270. NA
26. 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 8thInd.Fish. Forum ,2008, Published by IFSI and AFSIB, Mangalore India*, PP. 271-279, NA.
27. Paul, M., Chanda, M., Maity, J., Sen Gupta, S, Patra, B.C. and **Dash, G.**, 2010, Parasitic prevalences in fresh water prawn *Machrobrachiumrosenbergii* in North and South 24 Parganas districts of West Bengal,*Chron Young Scientist.*, 1:48-50, (Impact Factor-1.647), ISSN-2229-5186.
28. 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)
29. Sasmal, S.K. Choudury, A. **Dash,G.** 2009. Salinity, P^H and species diversity, of Ichthyoplanktonin Hooghly Estuary, West Bengal, *India,J. Environ. and Sociobiol.*6(2):167-174 (National)
30. **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)

31. **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.
32. 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.
33. 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.
34. Panigrahi, A., Azad, I.S., Das, B.K., Dandpat, 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.
35. **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
36. Udgata, S.K., **Dash, G.**, Parida, S.K. and Mishra, R., 2009, Isolation and Identification of human pathogenic *A. hydrophilum* 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.
37. 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, Mangalore, India*
38. **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.
39. **Dash, G.**, Udgata, S.K. and Parida, 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. **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.
45. **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.
46. 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.
47. **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.
48. **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.
49. Maity, K., **Dash, G.** and Das, N., 2003, Bheries a Potential Renewable source for waste disposal, *Environ. and Ecol.*, 21(Spl. Pub.): 3-5. (NAAS rating-2.1), ISSN: 0970-0420.
50. **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.
51. Bandyopadhyay, P. and **Dash, G.**, 2001, First record of a Ciliophoran Trichodinadomergue 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.
52. **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.

53. **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.
54. **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.
55. **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.
56. 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.
57. 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 *Peneaus 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).
58. 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-5thIndo_Pac. Fish Conf. Naumea.*,1997,Seret and J-Y Sire,ens,Paris:Soc. Fr.Ichtyo, 1999: 481-490, NA (International).
59. 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.

b. International Publication:

1. Abraham,T.J., Sarkar,S. **Dash, G.** Patra, A. and Adikeshvalu, H.,2017. Chryseobacterium sp. PLI2 and Aeromonas hydrophila co-infection in pacu,Piaractus brachypomus (Cuvier, 1817) fries cultured in West Bengal, India Aquaculture, 473: 223-227 **Impact Factor : 1.893**, NAAS Rating: 7.89 **(International)**.
2. 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)**.
3. 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: 5.83 **(International)**.
4. Banerjee,S., Patra,A., Mondal, A., Adikesavalu, H. Ramudu, K.R., **Dash, G.**, Joardar, S.N and Abraham, T.J., 2017. Molecular Characterization of Myxobolus catmrigale (Myxosporea: myxobolidae) infecting the gill lamellae of carp Cirrhinus mrigala (Hamilton), *J.ParasiticDis.(JPD)*, Springer Publication 41(1): 62-70 **Impact Factor : 1.954** ISSN: 0971-7196 (Print version)Journal no. 12639. **(International)**
5. 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)**.
6. 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)**
7. 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)**
8. 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)**.
9. 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)**
10. Abraham, T.J.,Banerjee,S., Patra,A., Sarkar,A., Adikesavalu, H. and **Dash,G.**, 2015. Molecular phylogeny of *Myxobolus orissae* (Myxosporea:Myxobolidae) infecting the gill lamellae of mrigal (*Cirrhinus mrigala* (Actinopterygii:Cyprinidae),*Mol.Biol. Res. Communications* (MBRC)4(1):15-24,Impact Factor (1.80),P ISSN:2322-181XE ISSN: 2435-2005 **(International)**
11. Banerjee,S., **Dash, G.** and Abraham, T.J., 2015. Histology of gill myxosporean infection in cultured Indian major and minor carps, West Bengal, India*J.Applied Ichthyology(Blackwell Publisher)*1-5,Impact Factor (0.867),ISSN : 0175-8659(P)1439-0426(E)**(International)**

12. Pakhira, C., Nagesh, T.S., Abraham, T.J. **Dash, G.** and Behera, S., 2015. Stress Responses in Rohu, *Labeorohita* transported at different densities. *Aquaculture Reports, ELSIVER*, 2: 39-45, Impact Factor (2.341), P ISSN: 2352-5134 **(International)**
13. **Dash, G.**, Sharma, B., Chakraborty, D., and Mukherjee, D., 2015. Parasitic study of Indian Major Carp *Catla catla* (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)**
14. 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)**
15. Chattopadhyaya, 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 West Bengal, India *Int. J. of Current Res.* 7(1): 11869-11872, Impact Factor (1.125), (ISSN: 0975 833X) **(International)**
16. **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)**
17. 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)**.
18. 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)**.
19. 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* (Myxosporae: myxobolidae) infecting the caudal fin of *Labeorohita*, *Protistology*, 41-52, Impact Factor: 1.508, ISSN 1680-0826, **(International)**
20. 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)**.
21. **Dash, G.**, Alam, S.K., Sahoo, S. and Panigrahi, A.K., 2013. Effect Of Mahua Oil Cake (Moc) on Blood Parameters of Carps; *Catla 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)**.
22. 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)**
23. 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)**
24. 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)**.
25. 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).
26. **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.
27. 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.
28. **Dash, G.**, Sahu, S.K. and Udgata, 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.

Popular Articles:

ENGLISH:

1. Majumder, D. and Dash, G. (2017), Application of Nanotechnology in Fisheries and Aquaculture, *Everyman's Science*, 11(6): 358-364.

2. Bolem, 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.
3. Bolem, M., Shankar,A.U., and Dash, G.,(2017), Water Quality Management for *Penaeus vennamei* farming ,*Aquaculture Guide*, March, 2017, PP.52-54.
4. Bolem, M., Shankar,A.U., and Dash, G.,(2017), Shrimp Post Larvae, Quality evaluation , stress tests and acclimation. *Aquaculture Guide*, Feb.2017, PP.51-54.
5. 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
6. 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
7. 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.
8. Mandal T., Sharma, B.B. and Dash, G. (2014). Pacu(*Piaractus brachypomus*)- A Potential species for Aquaculture, *Aqua Star*, April, P-20-26.
9. Sharma B.B. and **Dash, G.**2013.Ichthyotherapy-An emerging concept, *Aqua Star*, Aug: P:59-60 , NA
10. **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.
11. Ramudu, K.R. and **Dash, G.**,2013, A Review on Fish Vaccination, -It is a natural health solution for AquacultureDisease Problems,*Aquatech*, March pp.71-77, NA
12. Sharma, B.B and Dash, G. (2013). Water colour in aquaculture, (Social Environmental and Biological Association), SEBA Newsletter, 5(1):1-2.
13. Priyadarsani, L., and Dash, G. 2013. Heredity diseases of fishes, (Social Environmental and Biological Association),SEBA Newsletter, 5(1):2-4.
14. 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.
15. 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
16. 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
17. 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.
18. 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.
19. Kurva,R.R.,S.Chinna Rajesh, Priyadarsani Leesa and Dash,G.,(2012). Indigenous Technological Knowhow (ITK) in Aquaculture in West Bengal Region, *Aqua Star*, Aug. P-50-54.
20. Kurva,R.R., Dash,G, Babu,M.R. ,Kumar, B.P. and S.Chinna Rajesh,(2012). Adverse effect of wild fishes(like weed and predatory fishes) on Aquaculture- their prevention and control, *Fishing Chimes*, July 32(4): 49-52.
21. 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.
22. **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.
23. Chatterjee, N.R. **Dash G.** and Parida, S.K.2007, Traditional Aquaculture in West Bengal, *Fishing Chimes*, PP. 29. NA
24. **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.
25. Dash, G. and Chatterjee, N.R. (2000). A new dimension in common carp breeding.*Fishing Chimes*, 19 (12): 17
26. **Dash, G.** 1999, Application of Ozone to control Air pollution, *The Tech.Bull.,West Bengal Vet. Assoc.*,17: 11-14, NA.
27. **Dash, G.** and Behera, S., 1999, Ozone based treatment of water and waste water, *Greentechnology.*, 2 (9& 10): 7 -10, NA.
28. **Dash, G.**, 1999, Herbal use in Aquaculture, *Green technology.*, 2 (1& 2) : 44-46., NA
29. Dash, G.(1996). Why fish farming, *Fishing Chimes*, 16 (3) : 30
30. Dash, G.(1996). Tips for buying healthy prawn fry, *Farm digest*, July , pp. 19.

31. Dash, G. and Mohapatra, S. (1993). Fish in ponds and Mushrooms in ponds boost up profits, *Fishing Chimes*, 16 (11) : 25

ODIA:

32. Dash, G. and Mohapatra, S. (1996). Mastya Silpa ra Bikas re Mahila Manankara Bhumika, *The Krushaka Sambad*. April 8(4): 7
33. Dash, G. (1996). Machha Khyata Roga ra Karan 'O' Khyta Machha ra Upayoga. *The Paribesh Tarang*, May, p – 29-30.
34. Dash, G. (1996). Nile Rakt Kankada Eka Bihangabalokana. *The Krushaka Sambad*. July. 8 (7) : 8
35. Dash, G. (1997). Jaliya Paribesh 'O' Machha. *The Dharitri*. 29.10.97. p. 5
36. Dash, G. (1997). Janla Chadiba Pare Machha Pokhari ra Jatna. *The Samaya*. 5.11.97.p.5
37. Dash, G. (1997). Machha 'O' Chingudi ru Achara Prastuti, *The Samaya* , 3.12.97. p.5.
38. Dash, G. (1997). Machha Chasa re Janla ra Bhumika. *The Samya*, 24.9.97. p. 5
39. Dash, G. (1997). Machha chasa re Jayanti. *The Dhaitri*, 10.12.97. p.4
40. Dash, G. (1997). Machha pain Pokhari. *The Dharitri*, 23.4.97. p.4.
41. Dash, G. (1997). Machha ra Khyata Roga. *The Samaya*, 26.11.97. p.5.
42. Dash, G. (1997). Mishrita Machha Chasa re Jayanti ra Abhyuthan. *The Samaya*, 10.12.97.p.5.
43. Dash, G. (1997). Machha Chasa re Janala ra Bhumika. *The Dharitri*, 28.7.97. p. 4.
44. Dash, G. (1997). Machha ra satru Sikari Machha. *The Dharitri*, 9.4.97.p.4.
45. Dash, G. (1997). Orissa re Nila Rakta Kankada, *The Samaya*, 29.10.97.p.5.
46. Dash, G. (1997). Pokhari re Mishrita Machha Chasa, *The Dharitri*, 12.3.97.p.4.
47. Dash, G. (1997). Rangin Machha Baibhsaya. *The Krushaka Sambad*, September, 9(9):8
48. Dash, G. (1997). Machha Janla Chinih Bara Kaushala. *The Dharitri*, 13.8.97.
49. Dash, G. (1998). Bilati Rohi Prajanana, *The Samaya*, 8 (40) : 5
50. 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.
51. Dash, G. (2000), Macha Roga ra Utapati 'O'Sankramana, *The Dharitri*, 13.12.2000.p.4.
53. Dash, G. (2001), Khara Pani Chinguri Chasa re Samashya 'O' tar Samadhan, *The Samaya*, 22.01.2001. p.5.
54. Dash, G. (2002). Macha ra Parajibi rog, 'O' Nirakaran. *The Dharitri*, 22.05.02. p.4.
55. Dash, G. (2002). Machha ra Parajibi roga. *The samaya*, 28.05.02. p.5.
56. Dash, G. (2002). Bangiya saili re Machha Tarakari. *The Dharitri*, 18.06.02. p.4.
57. Dash, G. (2007). Horlicks, Complian 'O' Machha Janla, *The Samaj*, 20.09.2007.p.6

Books/ Books chapter:

Sl No	Title of the Book	Author (s)	Publication House	Pages	ISBN/ISSN No
1.	Freshwater Fish Parasites	Dr G.Dash	NIPA (New India Publishing Agency), Delhi	PP:1-166	ISBN No: 978-93-81450-25-3
2.	Parasitic Diseases of Exotic Carps	Debolina Maumder, Dr. Rajib Deb and Dr. G.Dash	LAMBERT Academic Publishing (e-Publication)	PP:1-169	ISSN No: 978-3-8465-8355-5
3.	JALAJA	Dr G.Dash	Usha Purna Memorial Trust, Bhubaneswar, Orissa	PP:1-64	Popular Book in Odia Version for Fish farming community

A. Manuals:

1. A Laboratory Manual on Parasitology for Fisheries.
2. A Laboratory Manual on Histology for Fisheries.
3. Manual on fish health management in Freshwater Aquaculture (Co-Authored)
4. Training Manual (Bengali) on "Disease Issues and Health Management in Aquaculture systems"
5. Workshop Manual (Bengali) on "Advance Practices on Fish and Shrimp Health Management for sustainable Aquaculture" Training Manual (English) on "Advances on fish and Shrimp Health Management".

Signature of the faculty member