

Curriculum Vitae of Dr. Durin Akhter Jahan

Name of the personnel : Dr. Durin Akhter Jahan
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 Cell No. : 01712611185
 Nationality : Bangladeshi
 Language Proficiency : English and Bangla
 Birthday : 30/06/1966

Education/Qualifications:

SL No.	Name of the Educational Institute	Year of Passing	Name of the Degree
1.	Bangladesh Agricultural University, Mymensingh	2009	Ph.D.
2.	Bangladesh Agricultural University, Mymensingh	1988	M.Sc. in Fisheries Biology and Limnology
3.	Bangladesh Agricultural University, Mymensingh	1987	B.Sc. Fisheries (Hons.)
4.	Chittagong Women's College	1983	H.S.C.
5.	Rangamati Girls High School	1981	S.S.C

Professional Certifications:

SL No.	Name of the Professional Certification Institute	Year	Duration Mos.	Days	Name of the Certification
1.	BFRI/BSFF/DoF	2014	0	2	Good Aquaculture Practices (GAqP) to sustain aquaculture based industry
2.	Bangladesh Fisheries Research Institute	2013	0	3	Utilization and effect of herbal medicine to control fish disease
3.	Bangladesh Fisheries Research Institute	2011	0	3	Research data analysis and office management PPR-2003
4.	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	2010	0	13	Research Methodology
5.	BFRI/HSTTI/Mymensingh	2009	0	5	Computer Training for BFRI Officers
6.	Agriculture Information Services, Khamarbari, Dhaka 1215	2002	0	2	Development Communication in Agriculture
7.	Bangladesh Fisheries Research Institute	2001	0	5	Freshwater Pearl Culture
8.	Bangladesh Fisheries Research Institute	2000	0	6	Benefit-cost and Risky Decision Analysis of Fisheries

						Project
9.	Bangladesh Academy for Rural Development	1995	0	4		Gender Analysis and its Application in Agriculture
10.	Bangladesh Fisheries Research Institute (The then FRI)	1995	0	4		Research Methodology and Management
11.	Bangladesh Fisheries Research Institute (The then FRI)	1994	0	3		Manpower Requirement for Fisheries R & D
12.	Bangladesh Fisheries Research Institute, (The then FRI)	1994	0	2		Fish Genetic Resources
13.	Bangladesh Fisheries Research Institute, (The then FRI)	1994	0	2		Inland Fishing Technology of Bangladesh-Present Status and Future Needs
14.	Bangladesh Fisheries Research Institute, (The then FRI)	1994	0	2		Fish Population Dynamic
15.	Bangladesh Fisheries Research Institute,(The then FRI)	1993	0	5		Fisheries and Environment
16.	Bangladesh Fisheries Research Institute, (The then FRI)	1992	0	18		Socio-Economic Aspect of Aquaculture
17.	Bangladesh Fisheries Research Institute, (The then FRI)	1992	0	5		Research System and Management
18.	Graduate Training Institute, Bangladesh Agricultural University, Mymensingh	1992	0	12		Office Management and Communication

Employment Record/Experience:

Position: Chief Scientific Officer (CSO)

Period: -30/06/2025

Organization: BFRI

Responsibilities: The key responsibilities of CSO are as follows:

1. Monitor technical and administrative matters of the research.
2. Research project planning, formulation, implementation and practical activities at the field level.
3. Monitor progress of ongoing research, ensuring quality, relevance, and adherence to timelines and budgets.
4. Organise various training programs, seminars, annual workshops and capacity-building programmes for scientists, extension workers, farmers and overall supervision.
5. Review, evaluate, and approve research proposals and annual work plans submitted by all Principal Investigators and Scientific Officers.
6. Approve and monitor budgets, timelines, and deliverables.
7. Also contribute to budgeting and financial oversight for research divisions; approve large expenditures in alignment with research plans.
8. Represent the institute at national and international scientific meetings, seminars, workshops, policy development forums, advising on fisheries research policy and management guidelines.
9. Lead multi-disciplinary, collaborative research programmes. Develop and manage collaborative projects with universities, NGOs, and international partners WorldFish).
10. Supervise preparation of annual technical reports and research performance reviews.

11. Ensure coordination among different stations/sub-stations (freshwater, brackish, marine) and ensure research efforts are synergistic rather than duplicated.
12. Properly fulfill the responsibilities assigned by the authorities.
13. Participation in various official tasks and performing responsibilities.
14. Ensure compliance with scientific quality standards.
15. Promote a culture of teamwork, ethics, and continuous learning.
16. Improvement in research staff capacity and institutional visibility.

Position: Principal Scientific Officer (PSO)

Period: 24/07/2019-

Organization: BFRI

Responsibilities: The key responsibilities of PSO are as follows:

1. Led advanced research programs on freshwater aquaculture, fish breeding, nutrition and fish health at the Freshwater Station of BFRI.
2. Designed and managed multidisciplinary research projects, aligning them with national aquaculture priorities.
3. Served as the Principal Investigator of the fish feed and nutrition project.
4. Served as the Principal Investigator of the mud eel (*Monopterus albus*) nursery and culture technology project.
5. Preparation of project proposals, semi-annual and annual reports.
6. Supervised and mentored Scientific Officers, research staff, and students, providing technical guidance and capacity building.
7. Conducted laboratory research, hatchery operations, and on-farm trials to develop and validate improved aquaculture technologies.
8. Published scientific papers and technical reports; presented findings at national and international forums.
9. Managed project budgets, laboratory resources, and research facilities, ensuring compliance with institutional and biosafety standards.
10. Coordinated technology transfer activities, including demonstrations, training sessions, and farmer outreach programs.
11. Collaborated with governmental, academic, and development partners to support national aquaculture development.
12. Participated in and performed other official duties alongside research.
13. Properly fulfill the responsibilities assigned by the authorities.

Position : **Project Director (PD)**

Period : 20/08/2015-30/06/2018

Organization : BFRI

Responsibilities : The major responsibilities are as follows:

As a Project Director the responsibilities were implementation of the project “(Culture of Cuchia (Mud eel) and Crab in the Selected Areas of Bangladesh and Research Project (Component–B, BFRI Part)” at 12 Upazila under the different district such as Khulna , Satkhira, Bagerhat, Potuakhali, Mymensingh, Sherpur, Bogra, Cox’s Bazar and Bhramanbaria according to the Project Objectives and Priority Research areas.

Objectives of the Project:

1. To develop technology for brood development and seed production of mud crab and *cuchia*.

2. To develop nursery management and culture technique mud crab and *cuchia*.
3. Fine tuning of the developed crab fattening technologies through demonstration in the farmers' field.
4. To study food and feeding habit and development of artificial feed for *cuchia* culture.
5. To assess existing stock and population of mud crab and *cuchia*.
6. To provide training to the GO and NGO extension workers, farmers and entrepreneurs on mud crab and *cuchia* production technologies.
7. To establish a laboratory cum hatchery for Brackishwater Station, Paikgacha, Khulna (BS) and Marine Fisheries & Technology Station, Cox's Bazar (MFTS).
8. Strengthening of some necessary infrastructures of Brackishwater Station, Paikgacha, Khulna (BS), Freshwater Station, Mymensingh (FS), Flood plain Sub-Station (FSS) & Marine Fisheries & Technology Station, Cox's Bazar (MFTS).

Priority Research Areas of the Project :

1. Assessment of mud crab, *Scylla* sp. resources in the coastal area of Bangladesh.
2. Study on breeding biology and spawning season of mud crab.
3. Development of technique for culture live feed for larvae of mud crab.
4. Development of breeding and seed production technology of mud crab.
5. Development nursery management system of mud crab and field trial of nursery management.
6. Development of environment friendly culture technology of mud crab and field trial of environment friendly mud crab culture.
7. Fine tuning and improvement of mud crab fattening practices in pens and cages both in on station and field level.
8. Health management of mud crab both on-station and on-farm.
9. Improvement of soft shell mud crab production system both on-station and on-farm.
10. Benchmark survey on the present status and potentials of *cuchia* fishery in Bangladesh.
11. Study on the breeding biology of *cuchia*, *Monopterusuchia*.
12. Development of breeding and seed production technology of *cuchia*.
13. Food and feeding management of *cuchia* and its field trial demonstration.
14. Development of nursery management technique of *cuchia* and field trial of nursery management.
15. Development of culture technique of *cuchia* and field trial/demonstration of *cuchia* culture.
16. Technology transfer of mud crab and mud eel through development of fisheries.
17. Research on any other emerging issues.

Position : Senior Scientific Officer (SSO)
Period : 18/12/2011-08/07/2018
Organization : BFRI
Responsibilities : The key responsibilities of SSO are as follows:

1. Conducted research on freshwater aquaculture, including fish breeding, nutrition and fish health.

2. Designed and implemented laboratory experiments, hatchery operations, and on-farm trials.
3. Prepared project proposals, research plans, semi-annual and annual reports.
4. Served as a researcher in the project on fry production and growth strategies of commercially important endangered fish species (Bele, Chital, and Mud Eel).
5. Analysed research data and prepared technical reports and scientific publications.
6. Provided technical guidance to junior researchers, research assistants, and field staff.
7. Assisted in developing and disseminating improved freshwater aquaculture technologies.
8. Participated in farmer training, demonstration activities, and extension programs.
9. Collaborated with government agencies, universities, and partner institutions.
10. Supported project budget management, procurement, and documentation activities.
11. Ensured compliance with biosafety, ethical standards, and institutional guidelines.
12. Participated in and performed other official duties alongside research.
13. Properly fulfill the responsibilities assigned by the authorities.
14. Prepared DPP for various projects.

Position : **Scientific Officer (SO)**
Period : 20/06/1992-17/12/2011
Organization : BFRI
Responsibilities : The key responsibilities of SO are as follows:

1. Conducted research on freshwater aquaculture, including fish breeding, nutrition, and fish health.
2. Assisted in planning and implementing laboratory experiments, hatchery operations, and field trials.
3. Collected and analyzed research data, prepared technical reports and research documentation.
4. Supported the development and validation of improved aquaculture technologies.
5. Assisted in farmer training, demonstration programs, and technology dissemination activities.
6. Maintained laboratory equipment, hatchery facilities, and field research tools.
7. Co-ordinated with research teams, partner organizations, and local stakeholders.
8. Participated in workshops, seminars, and capacity-building programs for staff and trainees.
9. Participated in and performed other official duties alongside research.
10. Properly fulfill the responsibilities assigned by the authorities.

Foreign Training:

Event: Production of Million of high Quality Tilapia Fry and grow-out Farming

Location: Bangkok, Thailand

Role: Participant

Details: Year -2012 for 5 days

Other Activities/Outstanding achievements:

1. Received “**Fish Fortnight Award 2002**” for the contribution in farming system research and development. The Award ceremony organized by the Government of Bangladesh.
2. Received “**Resource Development Award 2020**” for the contributing to the development process of the country. The Award ceremony organized by the Resource Development Foundation. www.resourcedevelopmentfoundation.com
3. Successfully completed GoB funded Development project “**Culture of Cuchia (Mud eel) and Crab in the Selected Areas of Bangladesh and Research Project (Component-B, BFRI Part)**” from 20 August, 2015 to 30 June, 2018 as a Project Director.

Research Achievements:

i). List of developed technology:

1.	Breeding and fry production technique of endangered species of Foli, <i>Notopterus notopterus</i>
2.	Artificial breeding technique for <i>Chitala chitala</i>
3.	Breeding and fry production technique for <i>M. cuchia</i>
4.	Rice-cum-fish culture in fields
5.	Development of feed technology for <i>M. cuchia</i> .
6.	স্বল্প মূল্যে স্পিরুলিনা (<i>Spirulina platensis</i>) চাষ ব্যবস্থাপনা কৌশল

ii). List of developed research programme:

SL. No.	Name of the Proceedings	Year
1.	Studies on the development of Freshwater prawn (<i>Macrobrachium rosenbergi</i>) nursery and grow-out technology. Core Research Programme. Research Plan. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh.	1995-1998
2.	Demonstration of Culture Technologies of High Valued Endangered Fish Species at Selected Upazilas (BFRI/DoF). Annual Research Program. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh.	2006-2007
3.	Development of Seed production and grow-out Techniques for certain Commercially Important Endangered Fish (Local koi, guzzi, meni and baim). Annual Research Programme. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh.	2007-2008
4.	Demonstration of Culture Technologies of High Valued Endangered Fish Species at Selected Upazillas in Different Regions of Bangladesh Through Collaboration with BFRI/DoF.	2007-2008
5.	Development of Seed Production and Grow-out Techniques for Endangered Fish (Local Koi, Aor, Guzzi, Shoal, Baim, Meni and Pabda) in Bangladesh. Annual Research Programme, Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh.	2008-2009

6. Development of Seed production and grow-out Techniques for certain Commercially Important Endangered Fish (*Anabas* sp., and *N. chitala*) in Bangladesh. Annual Research Programme, Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2009-2010
7. Development of Seed production and grow-out Techniques for certain Commercially Important Endangered Fish (*Anabas* sp., *N. chitala* and *G. giuris*) in Bangladesh, Annual Research Programme. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2010-2011
8. Development of Seed Production and Grow-out Techniques for Certain Commercially Important Endangered Fish (*C. chitala*, *G. giuris*, & *Monopterus* sp.) in Bangladesh, Annual Research Programme. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2012-2013
9. Development of Seed Production and Grow-out Techniques for Certain Commercially Important Endangered Fish (*C. chitala*, *M. cuchia* & *T. putitora*) in Bangladesh. Annual Research Programme. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2013-2014
10. Development of Seed Production and Grow-out Techniques for Certain Commercially Important Endangered Fish (*C. chitala*, *N. notopterus* & *M. cuchia*) in Bangladesh. Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2014-2017
11. Development of Controlled Breeding and Culture Technique of Cuchia, *Monopterus cuchia*, Annual Research Programme, Bangladesh Fisheries Research Institute, Mymensingh. 2015-2016
12. Development of Controlled Breeding and Culture Technique of Cuchia, *Monopterus cuchia*, Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2016-2017
13. Development of Controlled Breeding and Culture Technique of Cuchia, *Monopterus cuchia*, Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2017–2018
14. Development and Dissemination of Nursery and Culture Techniques of Cuchia, *Monopterus Cuchia* (Comp. A. FS). Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2018–2021
15. Development and Dissemination of Nursery and Culture Techniques of Cuchia, *Monopterus Cuchia* (Comp. A. FS), Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2019–2020
16. Development and Dissemination of Nursery and Culture Techniques of Cuchia, *Monopterus Cuchia* (Comp. A. FS). Annual Research Programme,. Bangladesh Fisheries Research Institute, Mymensingh-2201, Bangladesh. 2020–2021

iii) List of executed research programme

SL. No.	Name of the Proceedings	Year
1.	Progress of research under fro incorporating aquaculture into farming system of Bangladesh. Project Implemented by FRI/BARC/ICLARMP/USAID, September, 1994, 39p.	1990-1994
2.	Studies on the development of Freshwater Prawn (<i>Macrobrachium rosenbergii</i>) Nursery and Grow-out Technology. <i>Research Progress</i> , 32-36p.	1994-1997
3.	Studies on the effect of commonly used agro-chemical on aquatic-biota. Annual Report. Bangladesh Fisheries Research Institute.62-67p.	1997-1999
4.	On-farm rice-cum-fish culture trial at different Upazila of Chandpur district. Final report on Post Flood Rehabilitation and Adaptive Research Project. A BFRI-BARC Contact Research Project March, 2001, 21-35 p.	2001
5.	Polyculture of pangas with carp at low density in a farmer's pond. Final report on Post Flood Rehabilitation and Adaptive Research Project. A BFRI-BARC Contact Research Project, 66-69 p.	2001
6.	Effect of agro-chemicals on fish and Plankton. Annual Report Bangladesh Fisheries Research Institute. Mymensingh-2201.	2002-2003
7.	Development of Seed production and grow-out Techniques for certain Commercially Important Endangered Fish (Local koi, guzzi, meni and baim). Annual Research Progress Report Bangladesh Fisheries Research Institute. Mymensingh-2201.	2007-2008
8.	Development of Seed production and grow-out Techniques Endangered Fish. Annual Research Progress Report, 2008-2009. Bangladesh Fisheries Research Institute. Mymensingh-2201.	2008-2009
9.	Development of Seed production and grow-out Techniques Endangered Fish. Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.	2010-2011
10.	Development of Seed production and grow-out Techniques Endangered Fish (<i>Chitala chitala</i> , <i>Glossogobius giuris</i> , & <i>Monopterus sp.</i>). Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.	2011-2012
11.	Development of Seed Production and Grow-out Techniques for Endangered Fish Species (<i>Chitala chitala</i> , <i>Glossogobius giurus</i> , & <i>Monopterus sp.</i>) in Bangladesh. Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.	2012-2013
12.	Development of Seed Production and Grow-out Techniques for Endangered Fish Species (<i>Chitala chitala</i> , <i>Monopterus cuchia</i> & <i>Tor putitora</i>) in Bangladesh. Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.	2013-2014

13. Development of Controlled Breeding and Culture Technique of Cuchia, 2015-2016
Monopterusuchia. Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.
13. Development of Controlled Breeding and Culture Technique of Cuchia, 2016-2017
Monopterusuchia. Annual Research Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.
14. Development of Controlled Breeding and Culture Technique of Cuchia, 2017–2018
Monopterusuchia. Progress Report, Bangladesh Fisheries Research Institute. Mymensingh-2201.
15. Development and Dissemination of Nursery and Culture Techniques of Cuchia, *Monopterus Cuchia* (Comp. A. FS). Progress Report, 2018–2019
Bangladesh Fisheries Research Institute. Mymensingh-2201.
16. Development and Dissemination of Nursery and Culture Techniques of Cuchia, *Monopterus Cuchia* (Comp. A. FS). Progress Report, 2019–2020
Bangladesh Fisheries Research Institute. Mymensingh-2201.

iv. Publications:

01. **D. A. Jahan**, S.T. Lupa, Nur-A-Raushon, M. H. Rahman, M.Z. Ali, A. Bhadra, Y. Mahmud, 2023. Evaluation of the growth performance of *Spirulina platensis* in different Concentrations of kosaric medium (K.M.) and papaya skin powder medium (PSPM), *Asia Journal of Biological Life Sciences*. 12(2): 435-411.
02. **D. A. Jahan**, S.T. Lupa, Nur-A-Raushon, M. H. Rahman, M.Z. Ali, A. Bhadra, Y. Mahmud, 2023. Growth performance of Thai Pangus (*Pungasiadon hypophthalmus*) using different synthetic amino acids in plant protein based formulated diets. *Archives of Agriculture and Environmental Science*, 8(3), 421-426.
03. **D. A. Jahan**, M. H. Rahman, Nur-A-Raushon and M Z. Ali, 2021. Evaluation of lab scale cultivation to assess the growth performance of *Spirulina platensis* using different substrates. *International Journal of Fisheries and Aquaculture Studied*. 9(4): 327-331.
04. M. R. Rahman, M. Asaduzzaman, M. M. Zahangir, S.M. R. Islam, S. k. A. A. Nahid, D. A. Jahan, Y. Mahmud and M. N. A. Khan. 2020. Evaluation of limb autotomy as a promising strategy to improve production performances of mud crab (*Scylla olivacea*) in the soft-shell farming system. *Aquaculture Research* 51(6), 2555-2572.
05. **D. A. Jahan**, J. Rashid and Nur-A-Raushon. 2020. Seed Production of Gangatic mud eel, *Monpterusuchia* through controlled breeding in pond system. *Bangladesh J. of Fish. Res.* 19 (1-2) : 99-105
06. C. Parvez, Y. Mahmud and **D.A. Jahan**, 2019. Freshwater mud eel (*Monpterusuchia*) culture with supplementary feed at on-farm management. *International Journal of Fisheries and Aquatic Studies*. 7(6): 07-11.
07. **D. A. Jahan**, M. K. Rahman, S. Sharmin and Nur-A-Raushon, 2019. Freshwater mud eel (*Monopterusuchia*) culture with supplementary feed at on-farm management. *International Journal of Fisheries and Aquatic Studies*. 7(6): 160-165.

07. M.R.I. Sarder, A.A. Islam, M.M Islam, M.N. Noor and **D.A. Jahan**, 2017. Cryopreservation of Spermatozoa of Threatened Asian Striped Dwarf Catfish *Mystus Vittatus* (Bloch 1794) for Ex-Situ Conservation: An Approach to Poverty Allevation. *Asian Journal For Poverty Studied* 3(2): 157-169.
08. M.M Islam, M.N. Noor, A.A. Islam, M.R.I. Sarder, M.Z. Islam and **D.A. Jahan**, 2016. Development of Sperm Cryopreservation Protocol of Gangetic Mystus (*Mystus Vittatus*) *Progress. Agricult.* 27(4): 517-529.
09. **D. A. Jahan**, A.H.M. Kohinoor, M.M Khan and M.S. Monir, 2015. Gonad Histology and Biological Aspects of Freshwater Gobi, *Glossogobius Giuris* (Hamilton, 1822). *Trends in Fisheries Research* 4(1): 20-24. ISSN:2319-474X(p);2319-4758 (e). www.sciencejournal.in
10. **D.A. Jahan**, J. Rasid, M.M Khan and Y. Mahmud, 2015. Early Embryonic and Larval Development of Threatened Humped Featherback, *Chitala chitala* (Hamilton). *Trends in Fisheries Research* 4(2): 1-7. ISSN:2319-474X(p);2319-4758(e). www.sciencejournal.in
11. **D.A. Jahan**, J. Rasid, M.M Khan and Y. Mahmud, 2014. Reproductive Biology and Gonad Histology of Mud Eel, *Monopterus cuchia* (Ham. 1822). *Int. J. of Live Sci. Biotechnology and Pharma Research* 3(1): 231-239. <http://www.ijlbpr.com/currentissue.php>
12. **D.A. Jahan**, L. Hussain, M. A. Islam and M Z. Ali, 2014. Use of soybean as partial substitute of fishmeal in the diet of rohu, *Labeo rohita* (Ham.) fry. *J. of Aqua. in the Tropics*, 29(1-2): 21-30.
13. **D.A. Jahan**, L. Hussain, M.A. Islam and A. Naima 2013. Evaluation of Soybean Meal as a Dietary Protein Source on the Performance of *Labeo rohita* (Ham.) Spawn Reared under Pond Condition *The Agriculturist*, 11(2): 14-20.
14. **D. A. Jahan**, L. Hussain, M.A. Islam and M.M. Khan, 2013. Comparative study of mustard oil cake and soybean meal based artificial diet for rohu, *Labeo rohita* (Ham.) fingerlings. *The Agriculturist*, 11(1): 61-66.
15. **D.A. Jahan**, L. Hussain, M.A. Islam, M.M. Khan and A. Naima 2012. Use of Soybean Meal as partial diets of Rohu *Labeo rohita* (Ham.) fry. *The Agriculturist*, 10(2): 68-76.
16. A.H.M. Kohinoor, M.S. Islam **D.A. Jahan**, M.M Khan and M.G. Hussain, 2012. Growth and production performances of crossbred climbing perch koi, *Anabas testudineus* in Bangladesh. *Int. J. Agril. Res. Innov. & Tech.* 2(1) : 19-25.
17. A.H.M. Kohinoor, **D.A. Jahan**, M.M Khan, M.S. Islam and M.G. Hussain, 2012. Reproductive biology of featherback, Chital (*Notopterus chitala*, Ham.) cultured in a pond of Bangladesh. *Int. J. Agril. Res. Innov. & Tech.* 2(1) : 26-31 .
18. A.H.M. Kohinoor, **D. A. Jahan**, M.M. Khan, S.U. Ahmed and M.G. Hussain, 2009. Culture Potentials of climbing perch, Thai koi, *Anabas testudineus* (Bloch) under different stocking densities at semi-intensive management. *Bangladesh J. fish. Res.*, 13(2): 115-120.

19. . **D. A. Jahan**, L. Hussain and M.A. Islam, 2009. Effect of soybean based diet on gonadal development of Indian major carps, *Labeo rohita* and *Cirrhinus cirrhosus* (Ham.). *Bangladesh J. of Agric. Sci.*, 36(2): 157-164.
20. . **D. A. Jahan**, L. Hussain and M.A. Islam, 2008. Partial replacement of fishmeal protein by soybean meal protein in the diet of *Labeo rohita* (Ham.) and *Cirrhinus cirrhosus* (Ham.) fry in field condition. *Bangladesh J. of Agric. Sci.*, 35(2): 129-134.
21. **D. A. Jahan**, L. Hussain and M.A. Islam, 2007. Partial replacement of fishmeal protein by soybean meal protein in the diet of Mrigal, *Cirrhinus cirrhosus* (Ham.) fry. *Bangladesh J. fish. Res.*, 11(2): 181-188.
22. A.H.M. Kohinoor, A.K.M.S. Islam, **D. A. Jahan**, and M. Zaher and M.G. Hussain, 2007. Monoculture of climbing perch, Thai koi, *Anabas testudineus* (Bloch) under different stocking densities at on-farm. . *Bangladesh J. fish. Res.*, 11(2): 173-180.
23. G.C. Halder, **D.A. Jahan** and M. Ali, 2003. Higher stocking densities and Azolla Integration, a means to increase fish production and income from integrated rice-fish culture. *Inland Fish. Soc. of India (IFSI)*: 35(2) : 1-6.
24. M.J. Alam, **D. A. Jahan**, W.A. Pramanik and M.F. Hoq, 2001. Polyculture of freshwater prawn *Macrobrachium rosenbergii*, (de Man) with carps: Effects of prawn stocking density. *Bangladesh J. fish. Res.*, 5(2): 135-144.
25. A.H.M. Kohinoor, M.M. Haque, P.C. Modac and **D. A. Jahan**, 1998. Effect of fertilizer and feed on the growth of Tilapia *Oreochromis*. *Bangladesh J. of Agric. Sci.* 25(1) : 117-120.
26. M.A. Rahaman, M. Akhteruzzaman, **D.A. Jahan** and M.A. Mazid, 1997. Integrated rice fish–farming away to increase farmers income and to a better environment. *Bangladesh J. Agric. Sci.* 24(1) : 33-37.
27. M.J. Alam, M.F. Hoq, **D.A. Jahan** and M.A. Mazid, 1997. Nursery rearing of *Macrobrachium rosenbergii* (de Man) using hapa-nets: Effects of stocking density. *Bangladesh J. fish. Res.*, 1 (1) : 09-16.
28. A.H.M. Kohinoor, **D.A. Jahan** and M.G. Husain, 1997. Embryonic and larval development of *Ompok pabda* (Hamilton). *Progress. Agric.* 8(1&2):37-41.
29. A.H.M. Kohinoor, M.Z. Haque and **D.A. Jahan**, 1995. Production performance of Rajpunti and Nile tilapia in seasonal ponds at farmer's level of management. *Bangladesh J. of Training and Development*. Vol. 8 Nos. (1&2): 85-88.
30. **D.A. Jahan**, G.U. Ahmed, M.F.A. Mollah and F. Khatun, 1994. Effects of salinity on growth and survival of African catfish (*Clarius gariepinus*) larvae. *The Bangladesh Veterinarian*. 11 (1-2) : 78-83.
31. A.H.M. Kohinoor, M. Asaduzzaman and **D.A. Jahan**, 1994. Culture Rajpunti (*Puntius gonionotus*) in rice field. *Progress. Agric.* 5(2): 267-272.
32. A.H.M. Kohinoor, M.G. Husain, M.A. Mazid, **D.A. Jahan** and M.V. Gupta, 1994. Comparative production performance of rajpunti (*Puntious gonionotus*) and local sharpunti (*Puntious sarana*). *Progress. Agric.* 5(1) : 49-53.

iii). List of published Monograph

SL. No	Name of the Monograph
1.	জলজ পরিবেশ ও জলজ জীবের উপর কীটনাশকের বিষক্রিয়া। স্মরণিকা. তেইশতম জাতীয় বিজ্ঞান ও প্রযুক্তি সপ্তাহ-২০০০, চাঁদপুর জেলা।
2.	Nursery rearing technique for <i>Macrobrachium rosenbergii</i> ; Research Progress, 1994-97.
3.	চিতল মাছের নিয়ন্ত্রিত প্রজনন কৌশল, কৃষি কথা, চৈত্র ১৪১৯।
4.	বাংলাদেশের মৎস্য সম্পদের উপর জলবায়ু পরিবর্তনের প্রভাব, কৃষিবিদ, মার্চ-এপ্রিল ২০১৪।
5.	হাপায় কুচিয়া মাছের চাষ, কৃষি কথা, চৈত্র ১৪২১।

iv). List of published Bulletins (leaflet, Booklet)

SL. No	Name of the Bulletins
1.	হ্যাচারীতে শীলা কাঁকড়ার প্রজনন, লার্ভি প্রতিপালন ও পোনা উৎপাদন কৌশল, ২০১৮।
2.	নরম খোলসের কাঁকড়ার উন্নত চাষ কৌশল, ২০১৮।
3.	উপকূলীয় অঞ্চলে ঘের/পুকুর ও খাঁচায় যুগপৎ শীলা কাঁকড়ার (<i>Scylla olivacea</i>) ফ্যাটেনিং কৌশল, ২০১৮।
4.	কুচিয়া মাছের নিয়ন্ত্রিত প্রজনন, পোনা উৎপাদন এবং চাষ ব্যবস্থাপনা কৌশল, ২০১৬।
5.	চিতল মাছের কৃত্রিম প্রজনন ও পোনা উৎপাদন কৌশল, ২০১২।
6.	ধান ক্ষেতে মাছ চাষের কৌশল।
7.	মাছের উপর কীটনাশকের বিষক্রিয়া, দ্বিতীয় সংস্করণ, ১৯৯৭-১৯৯৯।
8.	কৈ মাছের কৃত্রিম প্রজনন, পোনা উৎপাদন ও চাষ ব্যবস্থাপনা কৌশল।
9.	হ্যাচারীতে শীলা কাঁকড়ার প্রজনন, লার্ভি প্রতিপালন ও পোনা উৎপাদন কৌশল, ২০১৮।

v). List of Seminar Proceedings:

SL. No.	Name of the Proceedings	Year
1.	Partial replacement of fishmeal by soybean meal in the diet of rohu, <i>L. rohita</i> (Hamilton) fry. 7th Asian Fisheries Forum 04, The Terminal Meeting of the Asian Fisheries Society, 30 November-4 December 2004 Penang, Malaysia.	2004
2.	Involvement of Rural Women in Aquaculture. Proceedings of National Workshop on Case Studies. Presented in Bangladesh Agricultural research Council, New Airport Road; Farmgate. Dhaka-1215, Bangladesh.	1995
3.	Substitution of fishmeal by soybean meal in the diet of Indian major carps and its effect on breeding biology. USDA Project Review Workshop 2007: Progress and Prospect of the Bangladesh-USDA Collaborative Research Program in Natural Sciences, held on March 18-20, 2007.	2007
4.	Monoculture of Thai koi (<i>Anabas testudineus</i>) at different stocking densities under on-farm management. 3rd Biennial Fisheries Conference & Research Fair 2008, 16-17 January 2008, Bangladesh Fisheries Research Forum (BFRF).	2008