

Resume

Dr. Binay Kumar Chakraborty

Present Address:

Executive director, Mud eel, mud crab, aquaculture and management centre Momen Tower, 5th floor, Mymensingh & Kuratholy Mosjid Road, 191B-51, Dhaka
Visiting Professor, Swami Vivekananda Subherti University, Meerut, UP, India
Former Project Director/Director
Department of Fisheries, Matshya Baboon, Dhaka, BD
Place of Birth: Netrokona, Bangladesh



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PROFESSION: Aquatic Environment, Fisheries management and Aquaculture Expert

KEY PROFILE:

A Fisheries Scientist, Visiting Professor, and National and International Consultant, Dr. Binay Kumar Chakraborty has been a key researcher and extension worker in Bangladesh's aquaculture and fisheries management, specifically in the coastal aquaculture of mud crab and mud eel, shrimp, and sea bass, coastal fisheries livelihood, climate resilient sustainable management, wetland resource conservation, and wetland biodiversity. In addition to being a supervisor and co-supervisor at Bangladesh Agricultural University, he has experience working as an external examiner and thesis examiner for abroad PhD students. He's been a mentor to many kids. In Meerut, Uttar Pradesh, India, he has been visiting professor and faculty member, faculty of Science at Swami Vivekanand Subharti University.

He has developed technologies on a. crab cage culture, b. crab fattening pen culture, and c. mud crab juvenile culture in his research project, "Culture of Cuchia and Crab in the Selected Area of Bangladesh and Research Project." d. Development of fishermen's livelihoods; e. Establishment of a crab hatchery in Cox's Bazar and experience in hatchery management; f. Survey on stock assessment of mud crab in Bangladesh. Eel (*Monopterus cuchia*) nursery and culture management, as well as regulate natural breeding, have been discovered by him.

In the CREL project, he directly worked on on climate-resilient sustainable management and conservation of wetland resources and biodiversity, aiming to increase ecosystem and livelihood resiliency to climate change impacts through improved resource planning, rural livelihood strategies, economic growth, and multi-sector partnerships targeting marginalized groups. The project provided financial literacy and enterprise training through local organizations, enhancing beneficiary access to AIG and microfinance, and fostering viable livelihoods and enterprises, particularly for marginalized populations.

He first successfully established the Fisheries Diploma Institution in Chandpur, Bangladesh, a mid-level fisheries manpower institution, and as part of the Fisheries Diploma Course Implementation Project, he introduced course curricula in collaboration with the Bangladesh Technical Education Board. Approximately the eighth semester of the four-year study includes both theoretical and practical components. He creates the course syllabus for the Fisheries Diploma program. He was the chairman of the Technical Education Board's question moderation committee in Bangladesh and has expertise as an examiner.

The individual possesses expertise in project coordination, administration, monitoring, mangrove habitat mapping, fisheries management strategies, standard operating procedures, mariculture technology connections, and promoting marine fisheries systems.

He has experience with crabs, *Macrobrachium rosenbergii*, and *Penaeus monodon* (tiger prawn) culture, as well as other coastal and marine fisheries management. He is also skilled in the breeding,

nursery, and culture of major and minor carp and catfish. He is an expert in floodplain management, aquatic biodiversity, feed, food security, and livelihoods. He invented the mechanism for inducing spawning in the spiny Tara baim (*Macrognaathus aral*) and Guchi (*Macrognaathus pancalus*) in Bangladesh. He possesses extensive expertise in participatory action research, including agricultural extension, as well as project design, development, and execution. Along with his expertise in the extension, motivation, and rehabilitation of fishermen in coastal areas and other disaster-prone locations, he also possesses strong management, communication, analytical, and reporting abilities. Additionally, he is capable of communicating and raising awareness about GO, NGO, and other members of society.

He has served as a reviewer for over 24 international publications and is a member of the Editorial Boards of the International Journal of Advanced Academic Study, the Asian Biological Research Foundation (ABRF), and the International Journal of Oceanography and Aquaculture. Additionally, he has life memberships in nineteen national and international organizations and societies. National and international publishers and organizations publish around hundred abstracts, 89 scientific papers, 38 other pieces, nine book chapters, and fifteen research and academic books. He serves in Bangladesh Agricultural University and overseas as a supervisor, co-supervisor, and external and examiner of PhD theses.

KEY AFFILIATIONS: (Life Membership)

1. Zoological Society of India, 2. Nepal Aquaculture Society, 3. International foundation of Environment and Ecology; 4. Society of Life Science, M.P, India; 5. Glocal Environment & Social Association (GESA), India; 6. International Benevolent Research Foundation India; 7. Asian Biological Research Foundation (ABRF), India; 8. International academy of Science and Research, India; 9. The zoological Society, Kolkata, West Bengal, India; 10. Crop and Weed Science Society (CWSS), Bidhan Chandra Krishi Vishwavidyalaya, West Bengal, India; 11. BSAFE Foundation, Dhaka, Bangladesh; 12. Zoological Society of Bangladesh; 13. Bangladesh Association for Environmental development (BAED); 14. Bangladesh Fisheries Research Forum; 15. Krishibid Institution, Bangladesh (KIB); 16. Fisheries Graduate Society of Bangladesh; 17. Bangobondu Fisheries Parisad, Department of Fisheries, Bangladesh. 18. Ecological Society of Bangladesh; 19. Indian Inland Fisheries Society.

EDUCATION:

PhD in Fisheries Management

Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh, 2004 (June). Thesis title: "Studies on the Artificial Propagation, Larval Rearing and Culture of Local Sarpunti, *Puntius sarana* (Hamilton)". Field area: Aquaculture and Management.

A Higher Study on Action Plan (MS)

Participatory change action plan. Swansea University, Wales, UK. 1997.

MSc in Aquaculture and Management

Department of Aquaculture and Management, Bangladesh Agricultural University, Mymensingh, 1986. Thesis title: "Effect of Stocking Density on the growth of rohu, *Labeo rohita*". Result: 2nd Class.

BSc Fisheries (Hons.)

Bangladesh Agricultural University, Mymensingh, 1982. Result: 2nd Class.

OTHER SKILLS (COMPUTER LITERACY):

Microsoft Word (MS Word), ii) Microsoft Excel, iii) Microsoft Power Point, iv) Statistical Package for social Science (SPSS), v) Mstate and vi) Photoshop.

WORKING EXPERIENCE:

April 2023 to till date	Visiting Professor, Swami Vivekananda Subharti University and Shobhit Institute of Engineering & Technology (Deemed to be University) Meerut, UP. India.
01.07.18 to <u>Till date</u>	Executive director, Mud eel, mud crab, aquaculture and management centre, Momen tower, Chuto bazar, Mymensingh, Bangladesh.
02.04.2021 to 09.04.21	International Consultant, Nepal Agricultural Research Council (NARC), Katmandu, Nepal (But it is not continuing due to COVID 19). Consulting Service for Strengthening NARC's Research Capacity by the use of

international scientists/specialists in Pangas fish breeding.

04.08.2020 to 26.12.20 **Sub Consultant, Palli Karma Sahayok Foundation (PKSF) (Part-time):**
 Conducting Study to Determine "Common Service Activities, Technological and Environmental Interventions Requirement for Aquaculture and Fish Hatchery Sub sector" (Package no: PKSF/SEP /S-13.3(R)).

01.01.20 to 31.08.20 Lead Researcher, WorldFish (EcoFish), Bangladesh.
 Conservation and promotion of major catfishes and chital in the Padma river systems

04.06.18 to 30.12.19 Consultant, SOLIDARIDAD, Study of sea bass farming status in in the coastal area of Bangladesh and Black Tiger (BT) Shrimp policy brief.

18.09.12 to 04.03.18 **PRACTICAL ACTION, Nursery of Crab.**
Project director, Dept. of Fisheries, Bangladesh
a. Culture of cuchia and crab in the selected area of Bangladesh and research project (July 2015-March 2018):
 1. Mud eel:
 Technology invented on a. Successful control natural Breeding, b. development of nursery culture, c. developed culture technology by Aquaculture method and d. Natural resource management System; e. Survey on stock assessment of mud eel in Bangladesh f. Livelihood development.
 2. Mud Crab:
 Technology invented on a. Mud crab Juvenile culture, b. Crab fattening of Pen culture c. Cage culture of crab d. Survey on stock assessment of mud crab in Bangladesh e. Established a crab hatchery and experience on hatchery management. f. Livelihood development.
b. Climate resilient, ecosystem and Livelihood project (March 2013-June 2016):
 Experience on
 1. Climate resilient sustainable management and conservation of wetland resources and biodiversity in selected wetlands. 2. Strengthening planning and implementation capacity of co-management bodies in high biodiversity and highly climate-vulnerable areas. 3. Alternative, climate-resilient economic opportunities for most vulnerable people in and around selected wetlands. 4. Improved governance for co-management of resources addressing resource use rights, fisheries management, and the capacity to deal with the effects of climate change.
 Overall management of CREL Project on the behalf of Department of Fisheries, Bangladesh.
c. Fisheries Diploma course Implementation Project (September 2011-March 2014):
 Firstly successfully established mid-level fisheries manpower Fisheries Diploma Institution in Chandpur, Bangladesh and introduced course curriculums with Bangladesh Technical Education Board under the Project "Fisheries Diploma course Implementation Project". About 08 Semester is included in four years course. The theoretical and practical subjects of the course is Fisheries genetics and Biology, Aquaculture and management (Fresh, coastal and marine water), Environmental Science and Fish Technology. I have an experience as an examiner and Chairman of the question moderation committee of the Technical Education Board, Bangladesh.
 He is an expert in a. A few instances of the help offered for project administration, coordination, and monitoring are the project inception report, quarterly progress reports from every project phase, annual work plans and financial projections, and the standard of reports delivered to donors.
 b. For each declaration made, mangrove habitat mapping and fisheries management plans are developed.
 C. Standard operating procedures have been established by the Fisheries Management Results Awards Scheme.
 d. With advances in mariculture technology, production and market links have improved.

e. It is suggested to use systems for managing marine fisheries, such as seafood associations and enterprises.

Public administration

Implemented of public policy, administration of government establishment (public governance), management of non-profit establishment (nonprofit governance), and also implemented administrative positions for working in the public sector, Industries of the private sector dealing with government relations, regulatory affairs, legislative assistance, corporate social responsibility (CSR), environmental, social, governance (ESG), public procurement (PP), public-private partnerships, and business-to-government marketing/sales and consulting firms.

Human resource management

- Employee benefit includes various types of compensation provided in addition to salaries.
- Disease persons send to government hospital for health care and support for treatment from the government,s fund.
- Compensation for money, awarded to employee as a recompense for loss, injury, or suffering.
- Excused leave for unexpected accident, sickness, etc. or expected events of birthdays, marriage etc. of the individual.
- For discipline, practice of training people to obey rules or code of behavior, using punishment to correct disobedience.
- Records for tax information, personnel files, etc. and information management.
- Ability for recruitment and employee retention strategies of an organization.
- Salary and Wages process of compensating an organization's employees in accordance with accepted policy and procedures.

20.04.13

to

30.07.17

Principal Investigator

1. Adaptation of Community enterprise approach in Tidal floodplains for crop fish culture-Jalokathi model project.
2. Adaptation of Community enterprise approach in Tidal floodplains in Challan beel area for crop fish culture-Daoudkandi model project.
3. Adaptation of community enterprise approach of aquaculture in floodplain eco- syst project.
4. Evaluated the variations in community Enterprise approach adaptation against t seasonal floodplain project.

30.05.09 to

30.07.12

Principal Investigator/ Co-investigator, WorldFish and BFRF.

1. Importance of Indigenous knowledge of Adivasi fisher's communities on production Bic and its effect on their livelihood in northern Bangladesh.
2. Production Biology of Cuchia in the Natural Habitat of climate change and Its Import Livelihoods of the Poor Indigenous Communities.
3. Investigation on the technical and co-management aspects of mud eel (*Monopterus albus*) small-scale natural aquatic habitats in ethnic (*Adivasi*) communities of northern part of

03.03.09 to

31.12.10

Consultant with INNOVATION U.S. Agency for International Development (USAID).

Worked on training, formation of farmer's group, collection data from partner farmer, processor and pangas fishery enterprises.

01.06.83 to

04.03.18

Upazilla Fisheries Officer/Farm Manager/Assistant Director/ District Fisheries Officer/Project Director/Director

Expertise on breeding, nursery and culture of Thai Pangas, *Pangasianodon hypophthalmus* in Bangladesh; Expertise on Crabs, *Macrobrachium rosenbergii* and *Penaeus monodon* (Tiger prawn) culture, and other coastal and sea fisheries management in Bangladesh; Invent the technology of induction of spawning in spiny Tara baim, *Macrogathus aral* and Guchi, *Macrogathus pancalus*, in Bangladesh; Expertise on breeding of carps, cat fish, string fish and mud eel; Expertise on Floodplain management and aquatic biodiversity; Expertise on feed, food security and livelihoods;

- and on disaster risk management; Expertise on the effectiveness of project design, implementation and execution; Expertise in participatory research and on social protection and/or climate change; To take the responsibility of timely data collection processes integrated research/project/field sites; Extension and motivation. To ensure timely submission of good management, communication, analytical and reporting skills; Extension, motivation and rehabilitation of fishers of coastal area and other target disaster peoples; Expertise on Community management and Entrepreneur development; To communicate & build up awareness relation with GO, NGO, & alit person of the society
- 03.03.07 to till today Supervisor/Co-supervisor, Agricultural University. Guide master's level students.
- 03.04.18 to till today PhD thesis examiner of different universities of abroad and act also external of PhD viva examination.
- B. Overall management, implementation and supervision of activities service life (1983-2018):
1. Expertise on breeding, nursery and culture of Thai Pangas, Pangasianodon hypophthalmus in Bangladesh;
 2. Expertise on Crabs, Macrobrachium rosenbergii and Penaeus monodon (Tiger prawn) culture, and other coastal and sea fisheries management in Bangladesh;
 3. Invent the technology of induction of spawning in spiny Tara baim, Macrognathus aral and Guchi, Macrognathus pancalus, in Bangladesh;
 4. Expertise on breeding of carps, cat fish, string fish and mud eel;
 5. Expertise on Floodplain management and aquatic biodiversity;
 6. Expertise on feed, food security and livelihoods; and on disaster risk management;
 7. Expertise on the effectiveness of project design, implementation and execution;
 8. Expertise in participatory research and on social protection and/or climate change;
 9. To take the responsibility of timely data collection processes integrated research/project/field sites;
 10. To ensure timely submission of good management, communication, analytical and reporting skills;
 11. Extension, motivation and rehabilitation of fisher's of coastal area and other target disaster peoples;
 12. Expertise on Community management and Entrepreneur development; and
 13. To communicate & build up awareness relation with GO, NGO, & alit person of the society

Name and Address of References

1. **Syed Arif Azad**, Former Director General, Department of Fisheries, Mathsya Bhabon, Bangladesh, Dhaka. Mobile: 0088 01714746405, Email: syedarifazad59@gmail.com
2. **Professor Dr. Javed Ali Mirza**, Supervisor and Former Director, Graduate Training Institute, Bangladesh Agricultural University, Mymensingh-2202, BANGLADESH
Tel: 880-91-55695-7/4994; E-mail: mjmirza05@yahoo.com
3. **Craig Meisner**, Senior Technical Advisor, Technical Assistance to Smallholder Agricultural Competitiveness Project (SACP) FAO. Dhaka 1207. Cell: 0088 01755637676, E-mail: meisner@fao.org.com
4. **Dr. Shahroz Mahean Haque**, Professor, Department of Fisheries Management Bangladesh Agricultural University, Mymensingh-2202, Bangladesh, Telephone: 0088 091 67401-6956 (off.), Cell: 0088 01715758535, E-mail: shahrozm2002@yahoo.com, shahrozm2002@gmail.com

Award Received

1	On 26 September, 2024 (3.00 pm), Zoological Society of Kolkata, WB, India conferred me an open competitive Research Scientific award of "Biswamoy Biswas Memorial Award, 2024" for outstanding Contribution and recognition in the field of Aquaculture and Fisheries. Awarded Medal and certificate handed over by honorable President, Prof. Somit Homechaudury and Secretary, Prof. A.
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	Bhattacharya.
2	On 18-19 November, 2024 attended an international conference on "Advanced in Environment Management for Sustainable Fisheries & Livestock Production 2024", at Kishangonj Fisheries College, Biher Animal Science University, India. The Honourable Fisheries & Livestock Minister, Shreemoti Renu Debi, India, conferred me with a very important award "Live Time Achievement Award 2024" with Dean, Fisheries College, Kishangonj, Director, Cold water Fisheries, Bimthol and other delegates for outstanding contribution of aquaculture and fisheries field of Bangladesh.
3	On 21-22 November, 2024 attended a two-day (21-22 Nov.) 4th Biotic Science Congress and international conference on "Climate Science Farming: Adoption Impacts and Implications for sustainable development" at central agricultural University Kyrdekulai, Meghalaya, India. The Honourable VC Gautam Shaha BCKB, India and other delegates conferred an award of "Fellow" of the society for Biotic and Environmental Research, Tripura India in honour of outstanding contribution in the field of Aquaculture of Bangladesh.
4	On 12-14 September, 2024 , attended as a Guest of Honour in the 2nd international conference on "Sustainable Fisheries & Aquatic Resource Management: Life below Water" and delivered a Plenary lecture on "Aquaculture and fisheries: its challenges. The honorable Dr. N. C. Pramanik, Chief General Secretary of CCSCOF felicitated me and Prof. Dr. H.S. Murthy Scientist and former Dean of Mangalore Fisheries College and Dr. Giri, a renowned scientist conferred me with a great recognition for "Aquaculture and Fisheries Research" certificate and memento.
5	On July 15, 2024 ICAAAS conference honoured me as a chief guest and conferred me an award "Ch. Dimag Singh Award" in Hanoi, Vietnam, for the outstanding contribution of Fisheries Field, and honored me as a keynote speaker and chairman of a technical session.
6	On 08 to 10 June, attended in the 7th international conference on "Global Approaches in Agricultural, Biological Environment and life sciences for sustainable Future" invited as a special guest of honour in the inaugural session, in Katmundu, Nepal. For the outstanding contribution of Fisheries Field, Honourable former VC Prof. A. P. Garg and others conferred me an Award of "Global Outstanding Fisheries Scientist Award" and honored me as a keynote speaker and chairman of a technical session.
7	On 05 to 07 May, 2024 , attended as a guest of honour in the inaugural session of the international conference of "Impact of Climate Change with Special Reference to Challenges and Approaches in Applied Zoology, Biodiversity Conservation, Food and Health Security" in the Guru Ghasidas Vishyabidalya in Bilaspur, Chhattisgarh, India. Dr. B. N. Pandey, Chairman of the Zoological Society of India, bestowed an award on me as a special invited guest. Award and certificate handed over by Dr. B. N. Pandey and VC, Guru Ghasidas Vishyabidalya for outstanding contribution in the field of fisheries. Delivered an invited lecture on Biodiversity and Conservation Status of the Sundarban Ecosystem and honored me as a keynote speaker and chairman of a technical session.
8	On 27 to 28 April 2024, the international conference on "Integrative Interdisciplinary Avenues in biology and Applied Science" in Balarampur, UP, India as a special guest. On behalf of the research committee Dr. A. K. Verma, Honourable Member, PSC, UP, India conferred me an award of "Global Recognition Award". I delivered also an invited lecture on "Biodiversity and conservation status of the Sundarban ecosystem".
9	On 30 September to 1 st and 2 nd October, 2023, organizing research committee of international conference on "Agricultural innovations for sustainable development goals with special focus on natural farming" confers an award of "CWSS Gold Medal Award 2023" as a guest of honour organized by Crop and Weed Science Society, BCKB, India. Award and certificate handed over by Prof. Dr. Te-Ming (Paul) Tseng, Ph.D. Mississippi State University, USA and Vice-chancellor of BCKV and UBKV West Bengal, India for outstanding contribution in the field of International Agriculture, aquaculture and Allied Sector.
10	On 18-20 December 2023, the organizing technical committee of the international conference on "Global Research Initiatives for Sustainable Agriculture & Allied Sciences" confers an award of "Life Time Achievement Award" organized by University of Agricultural Sciences, Raichur, Karnataka, India and Astha Foundation, India. Award, s momenta and certificate handed over by Dr. M. Hanumanthappa, Honourable Vice-Chancellor, University of Agricultural Sciences, Raichur,

	kornatoka, India & other delegates; and handed over a certificate for the chairman of 4th technical session and Lead lecture on " Global status of small indigenous species in Bangladesh".
11	On 27 November 2023, the organizing technical committee of the international conference on "Natural Resource Management and Sustainability" confers me an award of "Life Time Achievement Award" organized by Udayana University, Bali, Indonesia and Gochar Educational and Welfare Society, India for outstanding contribution in the field of Aquaculture and Fisheries. Award and certificate handedover by Prof. Dr. Ir Nagakan Pulu Geds Surandana, Rector, Udayana University,Bali, Indonesia; Prof. Dr. Oktovian Berty A. Sompie, Rector, Sam Ratulangi University, Mando, Indonesia and other delegates on the dias.
12	On August 30 and 31, 2023, organizing committee of international conference on "Aquatic resource and sustainable management" confers an award of "Distiguished Ichthyologist Award 2023" as a guest of honour organized by International Academy of Science and Research (IASR), India and Central Inland Fisheries Research Institute (CIFRI), WB, India. Award and certificate handed over by Dr. B. K. Das, Director, CPRI, WB, India; Prof. Chandra Sekhar Chakraborty, Former VC, West Bengal Animal Science and Fisheries University; Prof. Dr. Ashis Kumar Panigrahi, Pro. VC, University of Burdwan WB; Prof. Dr. B.B. Nayak, Dean, ICAR, Central Institute of Fisheries Education, Mombai, India, for outstanding contribution of Aquaculture and Fisheries management research.
13	On June 22 to 24, 2023, organizing committee of 9th international conference on the Environment and Ecology confers me a "Lifetime Achievement Award 2023" organized by Burdwan University and International Foundation for Environment and Ecology, India. Award and certificate handed over me by honorable Vice Chancellor, Prof. Biswajit Ghosh, Pro Vice-chancellor, Prof. Asis Kumar Panigrahi, Former Vice-chancellor, Chandra Sekhar Chakraborti, west Bengal University of Animal and fisheries science.
14	Professor Dr. Madhu Krisnan, Chief Rector, The American University, USA conferred me an award of "Excellent Human Golden Award" on 6 May for the excellence contribution in establishing Global Peace & to Contribute towards the global society & family of God & to build up on motto of "Peace Loving-Peace Living - Peace Practicing" in presence of VC, Rani Durgavati Univ. and other four VCs of different universities. The venue was the auditorium of Rani Durgavati Unv. Jabalpur, MP, India.
15	On April 28 to 30 2023, organizing committee of 6th international conference "Strategies and Challenge in Agricultural and Life Science for Food Security and Sustainable Environment SCALFE-2023)" honored me as a "Chief Guest" and conferred me an award of "Global Fisheries Scientist Award -2023" for outstanding Contribution and recognition in the field of Aquaculture & Management organized by Himachal Pradesh University, Summer Hill, Simla, HP, India award and certificate handed over by honorable Vice Chancellor, Prof. Amar P. Grag, Shabhit University, Mirrut, UP, India and other distinguished dignitaries.
16	Award of "Eminent Environmentalist Award 2023" confers by Global warming Reduction Centre, India, in reorganization of outstanding leadership and commitment in the field of environment and ecology, given on 24 th March, 2023; at the auditorium of Baripada Odisha University, India.
17	Award of "Global Changemakers Award 2023" confers by H and H International Foundation, Human Harmony, Nepal and Project 100, India, in reorganization of outstanding leadership and commitment in the field of Biodiversity and aquatic fauna on the occasion of international conference on Global Changemakers Summit 2023 held in Dhaka, Bangladesh at 24 January, 2023.
18	Award of "Best scientist Award 2022" confers by Society of Life science, India, in reorganization of outstanding academic contribution and achievements in the field of Life Science on the occasion of international conference on Sustainable Development: Panch Mahabhoot for Evironmental and Social Harmony-2022 organize by Dr. B. R. Ambedkar University of Social Sciences, Mhow, Indore (MP) India from 08 to 10 December, 2022.
19	Award of "Distinguished Scientist Award 2022" confers by Astha Foundation India, in reorganization of outstanding contribution in the field of Aquaculture on the occasion of 7 th international conference on Global Research Initiatives for sustainable Agriculture and Allied Science-2022 organize by Birsa Agricultural University , Ranchi, (Jharkhand), India from 21-23 November, 2022.
20	Award of "Life Time Award Achievement 2022" by Society of Life Science, SATNA (MP) India, in reorganization of Academic Contribution and Achievement in the field of Life Science on the occasion of 10 th annual session and seminar on "Contemporary Issues in Fisheries And Aquaculture" organize

	by College of Fisheries, G. B. Pant University of Agriculture and Technology Pantnagar, (Uttarakand), India from 19-20 May, 2022.
21	Award of " Vigyan Bhushan Puraskar 2022 " by Glocal Environment and Social Association (GESA) India, in reorganization of Academic Contribution of Life Science on the occasion of 4 th international Conference on Environment and Society, Jiwaji University, Gwalior, (Madhya Pradesh), India December 24, 2022.
22	Award of " Environmental Excellent Award 2022 " by International Foundation for Environment and Ecology, Kolkata, India on the occasion of 8 th Environment and Ecology organize by Bharathiar University, Coimbatore, Tamilnadu, India from 22-24 August, 2022.
23	Award of " Guest of Honor-2022 " by Shobhit Institute of Engineering and Technology Meerut, India, in reorganization of Academic Contribution in the field of Life Science on the occasion of "Environment, Healthcare, Food security and Sustainable Development" from 05-07 June, 2022.
24	Award of " Life Time Award Achievement 2021 " by Society of Biological Sciences and Rural Development (SBSRD) for outstanding contribution on "Fish and Fisheries" on the occasion of International Conference on Emerging Sustainability trends in Agricultural, Rural and Environmental Development. December 19 & 20, 2021 Allahabad (Prayagraj), Uttar Pradesh, India.
25	Award of " Life Time Award Achievement 2021 " by Global Research Initiative for Sustainable Agriculture and Allied Science (GRISAAS), for outstanding contribution on "Fisheries Sector" on the occasion of International Web Conference on Global Research Initiatives for sustainable Agriculture & Allied Sciences (GRISAAS-2021) during 13-15 December, 2021 Meerut, Uttar Pradesh, India.
26	Award of " World Environment and Livelihood Award " by International Foundation for Environment and Ecology on "Aqua environment" on the occasion of 7 th International Conference on Environment and Ecology during 26-28 November, 2021, Kolkata, India.
27	Award of " DR. APJ ABDUL KALAM GREEN ENVIRONMENT PROMOTION AWARD 2021 " for commendable contribution in the field of Environmental protection and social awareness on the behalf of COVID 19 Second Wave: Challenges for Sustainable Development (CCSD 2021) held on September 13, 14, & 15 2021, India.
28	Award of Fellowship 2021 , Zoological Society of Bangladesh, Dept. of Zoology, Dhaka University, Bangladesh, for outstanding contribution and dedication in nature conservation and development of zoology). Award is received in the 22 nd biennial conference 18 th March, 2021.
29	Award of " Life Time Award Achievement 2020 " for commendable contribution in the field of Science, Society and Environment on the behalf of Glocal Environment and social Association at 27, 28 and 29 December 2020, 2 nd international conference on Environment and Society (ICES 2020), India.
30	Award of " Life Time Award Achievement 2020 " for outstanding contribution on Environment and Ecology on the behalf of International foundation of Environment and Ecology at 24 February 2020 at University of Allahabad, Prayagraj, Uttar Pradesh, India.
31	Awarded as a " Guest of Honour " given at the International Multidisciplinary Research Conference on Biodiversity, Climate Change, Physical and Life Science on January, 2021 by International Academy of Science and Research, India.
32	Awarded as a " Fellowship " of Asian Biological Research Foundation (ABRF), 2020. India.
33	Award of " Scientist of the Year 2018 " for outstanding contribution of Fish Biology on the behalf of International academy of Science and Research. Received from DHSK College, Dibrugarh, Assam, India.
34	Award of " Fellowship 2019, of Glocal Environment And Social Association (FGESA) " for commendable contribution in the field of Science, Society and Nature. Received Global Conference on Our Biodiversity, Our Food and our Health-Botanical Survey of Prayagraj, India.
35	Award of " Fellow " from National Conference on Research Development in Fisheries (2019)" for outstanding contribution of Fisheries sector, Lucknow, India.
36	Certificate of Appreciation 2017, Bangladesh Agricultural Extension Network (BAEN), for outstanding innovation and management of the Mud eel and mud crab project
37	Fellow Award 2010 of the Crop and Weed Science Society, Dept. of Agronomy, Bidhan Chandra Krishi Biswabidyalaya, India, for significant contribution to the field of Agriculture (Aquatic Ecology & Environment; Fisheries management). Award is received in the 3 rd Biennial Conference 11 th June, 2010.

39	Award of Fellowship of the Zoological Society, Dept. of Zoology, Calcutta University, India, for outstanding contribution to the field of Zoology (Aquatic Ecology & Environment, Fisheries and Aquaculture). Award is received in the 61 st Annual General Meeting (DIAMOND JUBILEE YEAR) 9 th October, 2007.
40	“National Award Fish seed multiplication farm management 1992” from the Department of Fisheries, Government of Bangladesh for outstanding contribution for the development of Fisheries Resources through innovation of Fisheries Technology
41	Awarded Honorary Fellowship (F.S.L.Sc.) of the Society for outstanding academic contribution and achievements in the field of Life Science on the occasion of international conference on Sustainable Development: Panch Mahabhoot for Environmental and Social Harmony-2022 organize by Dr. B. R. Ambedkar University of Social Sciences, Mhow, Indore (MP) India from 08 to 10 December, 2022.
42	Award letter from Director General, Department of Fisheries, Bangladesh. For successful management of the Culture of chuchia and crab in the selected area of Bangladesh and research project.
43	Award letter from Director General, Department of Fisheries, Bangladesh. For successful management of the Fisheries Diploma Course Implementation Project.

Reviewer of Journal

- a. Environment, Development and Sustainability, Springer
- b. **Environmental Science and Pollution Research**
- c. Egyptian Journal of Aquatic Biology and Fisheries
- d. International Journal of Fisheries and Aquaculture
- e. International Journal of Oceanography and aquaculture
- f. World Aquaculture
- g. Agricultural Water Management
- h. International Journal of Agricultural Research, Innovation and Technology (IJARIT)
- i. Journal of Social Sciences Research
- j. Journal of Aqua farming
- k. Journal of Academic journal
- l. Advance in Physical Sciences
- m. Journal of the Indian Society of Coastal Agricultural Research
- n. Journal of Our Nature
- o. Journal of Threatened Taxa
- p. Journal of Ilmiah Perikanan dan Kelautan (JIPK)
- q. International Journal of Fisheries and Aquaculture (IJFA)
- r. Asian Research Journal of Arts & Social Sciences
- s. Environmental Science and Pollution Research
- t. Journal of Advances in Biology & Biotechnology
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01.11.2024

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Supervisor, Bangladesh Agricultural University &
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*Culture of chuchia and crab in the selected area of Bangladesh
and research Project

*Climate resilient, ecosystem and Livelihood

*Fisheries Diploma course Implementation Project

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Attended International Seminar: *(Attended local Seminar in Bangladesh is not mention here)

- 1 On 24 October, 2024: I delivered a lecture on "Role of pesticide and heavy metal toxicant on fish and human being" in the faculty of science, Swami Vivekanand Subharti University, Merrut, UP, India.
- 2 On 18-19 November, 2024 attended an international conference on "Advanced in Environment Management for Sustainable Fisheries & Livestock Production 2024", at Kishangonj Fisheries College, Biher Animal Science University, India. The Honourable Fisheries & Livestock Minister, Shreemoti Renu Debi, India, conferred me with a very important award "Live Time Achievement Award 2024
- 3 On 21-22 November, 2024 attended a wonderful two-day 4th Biotic Science Congress and international conference on "Climate Science Farming : Adoption Impacts and Implications for sustainable development" at central agricultural University Kyrdemkulai, Meghalaya, India. The Honourable VC Gautam Shaha BCKB, India and other delegates conferred an award of "Fellow" of the society for Biotic and Environmental Research, Tripura India in honour of outstanding contribution in the field of Aquaculture of Bangladesh. I delivered also a invited lecture on "Aquaculture and Fisheries in 2050: A great challenge ".
- 4 On 24 October, 2024: I delivered a lecture on "Role of pesticide and heavy metal toxicant on fish and human being" in the faculty of science, Swami Vivekanand Subharti University, Merrut, UP, India.

- 5 From October 25–27, 2024I attended a significant and fantastic three-day international conference on "Research, Innovation, and IPR for Sustainable Development and Viksit Bharat" at Swami Vivekanand Subharti University, Merrut, UP, India. I was honored as a Guest of Honor and a Keynote speaker. The Honorable VC Maj. Gen. (Dr.) G. K. Thapliyal felicitated and honoured me with a memento and a certificate during the inaugural session. In valedictory session I also was honoured with a certificate and memento by Honourable Chancellor, Dr. Stuti Narayan Kacker and Prof. Dr. Amar P. Garg, Director Research, SVSU during the valedictory session.
- 6 From 21- 23rd, October 2024, attended as a special guest in the International conference on CONSERVATION AND BIODIVERSITY CONSERVATION AND ECODYSTEM SERVICES OF GANGA BASIN IN INDIA in collaboration with ZSI and IAES (Hardwar) held from at Govt P.G. College, New Tehri, Garhwal, UK, India. PROF.B.D.JOSHI and Shri Kishor Upadhaya, honorable MLA, Tehri, Uttarakhand, felicitated separately and handed over a memento and certificate.
- 7 On September 26 & 27,2024 attended as a invited speaker in the Conference on Advances in Innovative Technologies and and plant health management strategies in Climate Resilient Agriculture during at the College of Agriculture, Tripura, India and I delivered a invited speech on aquaculture and climate change. Prof. Durga Prosad conferred me with a certificate and a memento.
- 8 On 26 September, 2024 (3.00 pm), Zoological Society of Kolkata, WB, India conferred me an open competitive Research Scientific award of "Biswamoy Biswas Memorial Award, 2024" for outstanding Contribution and recognition in the field of Aquaculture and Fisheries. Awarded Medal and certificate handed over by honorable President, Prof. Somit Homechaudury and Secretary, Prof. A. Bhattacharya.
- 9 On 12-14 September, 2024, attended as a Guest of Honour in the 2nd international conference on " Sustainable Fisheries & Aquatic Resource Management: Life below Water" and delivered a Plenary lecture on "Aquaculture and fisheries: its challenges. The honorable Dr. N. C. Pramanik, Chief General Secretary of CCSCYOY felicitated me and Prof. Dr. H.S. Murthy Scientist and former Dean of Mangalore Fisheries College and Dr. Giri, a reword scientist conferred me with a great recognition for "Aquaculture and Fisheries Research"certificate and memento.
- 10 On 18 to 20, September, 2024, attended as a Guest of honour in the 10th International Conference on Environment and Ecology (ICEE 2024) at the Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh during organised by Department of Forestry, Wildlife and Environmental Science, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India. I delivered a speech on environment and ecology in the inaugural session and also presented a ppt as a Lead lecture, on Sundarban mangrove. The chairman of the technical session conferred me with a certificate and a memento.
- 11 On 27th July, 2024, I attended an international visiting professor lecture series in CatSU University Virac, Phillipine, and delivered a lecture on "Mud crab aquaculture in Bangladesh" organized by faculty of Fisheries, Catanduanes state University, Virac, Philippines.
- 12 On 26th July, I attended an international visiting professor lecture series in CatSU University Virac, Phillipine, and delivered a lecture on "Change of sustainable aquaculture and Fisheries management organized by faculty of Fisheries, CatSU University, Virac, Philippines.
- 13 On 23 July 2024, Visited Fisheries University in Iloilo and met with VC and Dean of Fisheries college. A fruitful discussion was arranged in his room. Lastly delivered a lecture on Fisheries management and aquaculture of Bangladesh.
- 14 On 22 July 2024, Visited College of Agriculture and Fisheries - CAPSU Pontevedra Campus Philippines. I delivered a guest lecture in the faculty meeting room. Visited a crab hatchery with Dr. Emilia and Dean of the faculty and visited labs of the faculty.
- 15 On 17 July, 2024, visited the Asian university in Hanoi Vietnam. I visited the quality lab, aquaculture lab and hatchery fisheries faculty and deliver a lecture on Crab aquaculture of Bangladesh.
- 16 On July 15, 2024 ICAAAS conference honoured me as a chief guest and conferred me an award "Ch. Dimag Singh Award" in Hanoi, Vietnam, for the outstanding contribution of Fisheries Field, and honored me as a keynote speaker and chairman of a technical session.
- 17 On 10th June, 2024, I attended an international hybrid mood conference on "Changing System of Ecosystem Health of the River Ganga" as a Key note speaker to deliver a lecture on "Conservation and promotion of major catfishes, chital and hilsa in the Padma River System" organized by Aquatic Ecosystems Health and Management Society.
- 18 On 08 to 10 June, 2024, attended in the 7th international conference on " Global Approaches in Agricultural, Biological Environment and life sciences for sustainable Future" invited as a special

- guest of honour in the inaugural session, in Katmundo, Nepal. For the outstanding contribution of Fisheries Field, Honourable former VC Prof. A. P. Garg and others conferred me an Award of "Global Outstanding Fisheries Scientist Award" and honored me as a keynote speaker and chairman of a technical session.
- 19 On 30 April, I attended in a seminar of Swami Vivekanand Suberti Uiversity, Merrut, UP, India and deliver a lecture with delegates, professors and beloved students on Agriculture , Fisheries and Livestock: Challenges and constrain of the three sectors.
 - 20 On 29 April, I attended in a seminar of Swami Vivekanand Suberti Uiversity, Merrut, UP, India and deliver a lecture with delegates, professors and beloved students on biodiversity status of Sundarban in Bangladesh. The Dean of the college felicitated me.
 - 21 On 05 to 07June, 2023, I attended in the international conference on "Impact of Climate Change with Special Reference to Challenges and Approaches in Applied Zoology, Biodiversity Conservation, Food and Health Security" in the Guru Ghasidas Vishyabidaloaya in Bilaspur, Chhattisgarh, India, and delivered an invited lecture on "Biodiversity and Conservation Status of the Sundarban Ecosystem."
 - 22 On 27 to 28June 2023, the international conference on "Integrative Interdisciplinary Avenues in biology and Applied Science" on 27 & 28 in Balarampur, UP, India as a special guest. On behalf of the research committee Dr. A. K. Verma, Honourable Member, PSC, UP, India conferred me an award of "Global Recognition Award". I delivered also an invited lecture on "Biodiversity and conservation status of the Sundarban ecosystem".
 - 23 On 11 June, 2023, I visited Nepal Agricultural Research Council, Katmundo and met with the Executive Director and discussed the status and some technology of the fisheries sector of Nepal. Lastly I handed over a compliment copy of my book "Fish and Fieries Resources of Bangladesh " to him.
 - 24 On 11 April, 2024, delivered an invited lecture on "Fish: Threat of pesticide Toxicants role" in the University of Calabria, Italy.
 25. Delivered a speech on climate smart practices in agriculture and allied sciences for sustainable development as a chief guest last 30th March in online mode.
 26. I delivered a keynote speech last 23March on the occasion of 7th intentional conference on new advancements in Aquaculture and Marine Biology.
 - 27 Attended the 13th Indian Fisheries & Aquiculture Furam 2024 which was held in the Bishyabangla Convention centre Kolkata from 23 to 25 February 2024. I acted as a chairperson of the Theme SSFS. Dr B K. Das, director CIFRE and vice Chancellor Techno University Agortola felcited me with a Memento and certificate.
 - 28 Division of Fisheries Science of the Neotia University, West Bengal, in the guest lecture series, organised a guest lecture for me, Dr Dilip Kumar, Former Vice Chancellor, Fisheries University (CIFE), Mumbai; Dr Mruthyunjoy Kunda, Dean, Faculty of Fisheries, Sylhet Agriculture University on 22.02.2024.
 - 29 24th December 2023, attended in the international conference on "Carbon Footprint, Sustainable Development, Health Care and Safety (ICCSHS-2023)" organized by BIDYA University Press, India, delivered a Keynote.
 - 30 Delivered a Keynote address in the International Workshop (virtual) on "Diversification of aquaculture and fisheries in the Bangladesh science" organized by the Swami Vivekananda Subharti, Meerut, UP, on 22.02.2024.
 - 31 18-20 December 2023, attended on the international conference on "Global Research Initiatives for Sustainable Agriculture & Allied Sciences" organized by University of Agricultural Sciences, Raichur, Kornatoka, India and Astha Foundation, India and handed over a certificate for the chairman of 4th technical session and delivered a Lead lecture on " Global status of small indigenous species in Bangladesh".
 - 32 23rd of December 2023, attended the 3rd International conference on the Control Mission of Environment and Disaster Management; and delivered a lecture as a keynote speaker on "Role of pesticide and heavy metal on aquatic fauna and the human population" organized by Dr. Ambedkar University, Agra and Palwal College Shikohbad, UP , India and other organisations.
 - 33 On 27 November 2023, Udayana University, Bali, Indonesia and Gochar Educational and Welfare Society, India arranged an international conference on "Natural Resource Management and Sustainability" in Udayana University,Bali, Indonesia I delivered a keynote on challenges of aquaculture and fisheries management in Bangladesh.

- 34 On 13 October, 2023, Conference Mind arranged 6th international conference on “Aquaculture and Marine Biology”. I delivered a keynote on Heavy metal and pesticide effect on fish and human health.
- 35 On 13 October, 2023, Subharati University arranged an international symposium on “Natural Agriculture for Sustainable world”. I delivered a plenary lecture on the Role of Aquaculture in Bangladesh.
- 36 On 30 September to 1st and 2nd October, 2023, organizing research committee of international conference on “Agricultural innovations for sustainable development goals with special focus on natural farming” confers an award of **"CWSS Gold Medal Award 2023"** as a guest of honour organized by Crop and Weed Science Society, BCKB, India. Award and certificate handed over by Prof. Dr. Te-Ming (Paul) Tseng, Ph.D. Mississippi State University, USA and Vice-chancellor of BCKV and UBKV West Bengal, India for outstanding contribution in the field of International Agriculture, aquaculture and Allied Sector and delivered a plenary lecture on the Role of pesticide on fish and human health. .
- 37 On the occasion of 5th Euro Mediterranean conference for environmental integration held in University of Calabria, Rende (Cosenza), Italy from 2 to 5 October 2023, I delivered a lecture on pesticide toxicants role on fish and human health (paper no 1468) paper published to the conference proceedings by Springer. They offered me a certificate.
- 38 On August 30 and 31, 2023, organizing committee of international conference on “Aquatic resource and sustainable management” confers an award of **"Distinguished Ichthyologist Award 2023"** as a guest of honour organized by International Academy of Science and Research (IASR), India and Central Inland Fisheries Research Institute (CIFRI), WB, India. Award and certificate handed over by Dr. B. K. Das, Director, CPRI, WB, India; Prof. Chandra Sekhar Chakraborty, Former VC, West Bengal Animal Science and Fisheries University; Prof. Dr. Ashis Kumar Panigrahi, Pro. VC, University of Burdwan WB; Prof. Dr. B.B. Nayak, Dean, ICAR, Central Institute of Fisheries Education, Mumbai, India, for outstanding contribution of Aquaculture and Fisheries management research.
- 39 On June 22 to 24, 2023, organizing committee of 9th international conference on the Environment and Ecology confers me a **"Lifetime Achievement Award 2023"** organized by Burdwan University and International Foundation for Environment and Ecology, India. Award and certificate handed over me by honorable Vice Chancellor, Prof. Biswajit Ghosh, Pro Vice-chancellor, Prof. Asis Kumar Panigrahi, Former Vice-chancellor, Chandra Sekhar Chakraborti, west Bengal University of Animal and fisheries science.
- 40 Professor Dr. Madhu Krisnan, Chief Rector, The American University, USA conferred me an award of **"Excellent Human Golden Award"** on 6 May for the excellence contribution in establishing Global Peace & to Contribute towards the global society & family of God & to build up on motto of "Peace Loving-Peace Living - Peace Practicing" in presence of VC, Rani Durgavati Univ. and other four VCs of different universities. The venue was the auditorium of Rani Durgavati Univ. Jabalpur, MP, India.
- 41 Delivered an Invited talk as a distinguished speaker in National Seminar on New Dimensions of Life Sciences in the Perspectives of Sustainable Development Goals scheduled to be held on February 8-9, 2023 at Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, District Satna (MP) India.
42. An international conference on “Advances in Agriculture and Food System Towards Sustainable Development Goals (AAFS-2022): 22-24 August 2022 organized by All India Agricultural Students Association and Indian Council of Agricultural Research, New Delhi, India and delivered as a keynote on “Advances in Aquaculture Research towards Food and Nutritional Security”.
- 43 On 28-29 April, 2023, I attended “5th International Hybrid Conference on Aquaculture and Marine Biology” as a Keynote Speaker with paper of Diversification of Fish and Fisheries resource management and its challenges in Bangladesh organized by Aqua Webinar-URF.
- 44 On April 28 to 30 2023, attended 6th international conference "Strategies and Challenge in Agricultural and Life Science for Food Security and Sustainable Environment SCALFE- 2023)" as a "Chief Guest" and conferred me an award of **"Global Fisheries Scientist Award -2023"** for outstanding Contribution and recognition in the field of Aquaculture & Management organized by Himachal Pradesh University, Summer Hill, Simla, HP, India award and certificate handed over by honorable Vice Chancellor, Prof. Amar P. Grag, Shabhit University, Mirrut, UP, India and other distinguished dignitaries.
45. An international conference on “Environment and Ecology” organized by International Foundation for

- Environment and Ecology, Kolkata and Bharathiar University, India on the occasion of 8th Environment and Ecology held in Bharathiar University, Coimbatore, Tamilnadu, India from 22-24 September, 2022.
- 46 Ton 22 May, 2022, I participated an International Seminar on Master's course in Marine Biology and Aquaculture as a invited speaker, which was arranged by DEPARTMENT OF BIOLOGY UNIVERSITY OF NAPLES FEDERICO II – Naples , Italy and delivered a lecture as invited speaker on "DIVERSIFICATION OF FISH AND FISHERIES RESOURCE MANAGEMENT AND ITS CHALLENGE IN BANGLADESH".
- 47 An international seminar on "Contemporary Issues in Fisheries And Aquaculture" organize by College of Fisheries, G. B. Pant University of Agriculture and Technology Pantnagar, (Uttarakand), India from 19-20 May, 2022. Delivered as a keynote "Threat to Aquaculture: Global Challenges and Remedies".
- 48 An international conference on "Sustainable Development: Panch Mahabhoot for Environmental and Social Harmony-2022" organized by Dr. B. R. Ambedkar University of Social Sciences, Mhow, Indore (MP) and Govt. Madhav Science College, Ujjain, Indore, India from 08 to 10 December, 2022 and delivered as a keynote on "Biodiversity status of Sundarban".
- 49 An international conference on "Environment and Ecology" organized by International Foundation for Environment and Ecology, Kolkata and Bharathiar University, India on the occasion of 8th Environment and Ecology held in Bharathiar University, Coimbatore, Tamilnadu, India from 22-24 September, 2022.
- 51 An international seminar on "Contemporary Issues in Fisheries And Aquaculture" organize by College of Fisheries, G. B. Pant University of Agriculture and Technology Pantnagar, (Uttarakand), India from 19-20 May, 2022. Delivered as a keynote "Threat to Aquaculture: Global Challenges and Remedies".
- 52 Attended an international a weber series on open source digital technologies towards self-reliant in India and delivered a lecture on "Diversification on fish and fisheries resource management and its challenges in Bangladesh" on 9 July 2022.
- 53 An international conference on "Environment, Healthcare, Food security and Sustainable Development" from 05-07June, 2022." organize by by Shobhit Institute of Engineering and Technology Merrut, India, Delivered as a keynote "Threat to Sundarban Mangrove and it,s Remedies".
- 54 An international webinar on "Environmental Degradation: A Threat to Flora and Fauna" from 05-06June, 2022." organize by DEPARTMENT OF ZOOLOGY PALIWAL COLLEGE SHIKOHABADFIROZABAD (UP) INDIA and Delivered as a keynote "Diversification of Fish and Fisheries Resource Management and its Challenge".
- 55 An international conference on "Multidisciplinary Nature of Environment Studies" from 07 June, 2022." organize by Institute Innovation cell (IIC), India and Delivered as a keynote on "Biodiversity and conservation status of flora and fauna of Sundarban Mangrove Ecosystem.
- 56 An International Seminar on Master's course in Marine Biology and Aquaculture Organized by DEPARTMENT OF BIOLOGY, UNIVERSITY OF NAPLES FEDERICO II – Naples (Italy) Course of FUNCTIONAL ANATOMY OF FISH (Prof. Giulia Guerriero) and Delivered as a keynote on "DIVERSIFICATION OF FISH AND FISHERIES RESOURCE MANAGEMENT AND ITS CHALLENGE IN BANGLADESH"
- 57 An international webinar on "Treat to biodiversity: Global challenges and remedies organized by DEPARTMENT OF ZOOLOGY PALIWAL COLLEGE SHIKOHABADFIROZABAD (UP) INDIA & NOBLE PEACE FOUNDATION DEHRADUN (UK), 24 April, 2022, Delivered as a keynote "Threat to Aquatic Biodiversity: Global Challenges and Remedies".
- 58 An international 22nd biennial conference 18th March, 2021 organized by Zoological Society of Bangladesh, Delivered as a keynote on "Challenge of Aquaculture and Fisheries Resource Management in Bangladesh".
- 59 An international E-Conference on "Aquaculture and Marie Biology" organized by United Research Forum, London, UK., February 14-15, 2022, Delivered as a keynote "Diversification of Fish and Fisheries Resource Management and its Challenge in Bangladesh".
- 60 An international webinar on "Interdisciplinary Approach in Education, Environment, Spiritually & technology (IFST 2021)" organized by 3rd International Conference on Environment and Society (ICES), December 23 – 25, 2021, organized this ICES as a Patron and deliver a popular speech on "Biodiversity and conservation status of Sundarban mangrove area".
- 61 An international Conference on Emerging Sustainability trends in Agricultural, Rural and

- Environmental Development organized by Society of Biological Sciences and Rural Development (SBSRD) was held in Allahabad (Prayagraj), Uttar Pradesh, India on December 19 & 20, 2021. I joined this webinar as a keynote speaker and delivered a talk as a keynote on "Biodiversity and conservation status of Sundarban mangrove area".
- 62 An International Web Conference on Global Research Initiatives for sustainable Agriculture & Allied Sciences (GRISAAS-2021) organized by Astha Foundation during 13-15 December, 2021 in Meerut, Uttar Pradesh, India. I joined this webinar as a keynote speaker and delivered a speech as a keynote on "Biodiversity and conservation status of Sundarban mangrove area".
- 63 An International Web Conference on International Foundation for Environment and Ecology organized by 7th International Conference on Environment and Ecology during 26-28 November, 2021, in Kolkata, India. I joined this webinar as a keynote speaker and delivered a speech as a keynote on "Aquaculture Production and Impact of COVID 19 pandemic on Aquaculture and Fisheries in Bangladesh".
- 64 A webinar on 22nd National Conference And Annual general Meeting 2020 Organized by Zoological Society of Bangladesh was held on 29 October 2021. I joined this webinar as a speaker and delivered a lecture on "Aquaculture Production and Impact of COVID 19 pandemic on Aquaculture and Fisheries in Bangladesh".
- 65 Online 2nd international webinar on Aquaculture and Marine Biology, September 21-22, 2021, India; organized by <https://conference.mind.com/conference/aquacultureandmarinebiology>. The theme was New Advancements in Aquaculture & Marine Biology as a Key note speaker to deliver a lecture on "Present status of Aquaculture production and Impact of COVID 19 Pandemic on Aquaculture and Fisheries in Bangladesh".
- 66 Online international webinar on COVID-19 Second Wave: Challenges for Sustainable Development (CCSD 2021), India; held on September 13, 14 & 15, 2021, organized by **Asian Biological Research Foundation (ABRF) and Global Environment and Social Association (GESA), India**. The theme was on COVID-19 Second Wave and delivers a Plenary lecture on "Impact of COVID 19 Second Wave on Indigenous and tribal people of Bangladesh".
- 67 Online international conference on Atmospheric and Earth Science July 29-30, 2021, organized by **Coalesce Research Group**. The theme was Advancements in the field of Atmospheric and Earth Sciences Research and Participated as a Key note speaker to deliver a lecture on "Water pollution in Bangladesh and its impact".
- 68 International conference on innovative and current advances in Agriculture and Allied Sciences (ICAAAS-2021) July 19–21, 2021 at Society Headquarter, Meerut (U.P.) India organized by SOCIETY FOR SCIENTIFIC DEVELOPMENT IN AGRICULTURE & TECHNOLOGY, MEERUT (U.P.) INDIA. Participated as a plenary speaker to deliver a lecture on "Status of Aquaculture Production and biodiversity status, and Impact of COVID 19 on Aquaculture and Fisheries".
- 69 An international webinar on "Population and sustainable development" organized by Department of Zoology Plaiwal College shikohabad Firozabad (UP) Indian collaboration with department of forestry University of Bengkulu, Indonesia at 21st July 2020, Wednesday and participated as an international speaker to deliver a lecture on "Population and sustainable development".
- 70 One days international e conference on innovative research and technology (ICIRST-2021) India (AZI) on 25 July organized by Kalikadevi arts, commerce and science college, Shirur kasar jointly collaboration with Association of Zoologist, India. Participated as a plenary speaker to deliver a lecture on "Sustainable aquaculture and fisheries management techniques in Bangladesh".
- 71 One days international e conference on virtual celebration of 21 national "Fish Farmer day" on 10th July organized by College of Fisheries, Central Agricultural University (Imphal) Tripura, India. Participated as an International invited speaker to deliver a lecture on "Sustainable aquaculture and fisheries management techniques in Bangladesh".
- 72 International e-Conference on International Webinar on "Ecology, Restoration and Management", India on 12- 13 – 14 June 2021 was held. I have participated as a plenary speaker to deliver a lecture on "Ecology, Restoration and Management".
- 73 International e-Conference on "International Interdisciplinary Conference on "COVID 19: Challenges and Impacts on Health, Environment, Livelihood and Education", India; which was held at Google Meet on 28-29-30 May, 2021. Participated as a plenary speaker to deliver a lecture on "Challenges COVID 19 and its impact on Health, Environment, Livelihood and Education".
- 74 International e- Conference on "Aquaculture and Marine Biology" 12-13 April 2021 in United

- Research Forum, WC2H9JQ, London, England. Participated as an international speaker to deliver a lecture on “Sustainable Aquaculture and Fisheries Management of Bangladesh”.
- 75 International webinar on “Marine biodiversity and Aquaculture” 8-9 April 2021 in Department of Zoology, Dr. Babasaheb Ambedkar College, Maharashtra, India. Participated as an international Delegate and delivered a lecture on “Sustainable Aquaculture and Management Practice of Bangladesh”.
- 76 International webinar on “Pollution: It’s Impact Upon Flora and Fauna” 31 March 2021 in HOD Zoology Paliwal College Shikohabad, Faridabad, Delhi, India. Participated as an international Speaker and delivered a lecture on “Pesticide and heavy metal toxicants on human health and Fishes”.
- 77 International Multidisciplinary conference on “Recent trends in Agriculture, Aquaculture, Environment and Sustainability” 29-30 January 2021 in Kolkata, India. Participated as a invited Plenary Speaker and delivered a lecture on “Sustainable Aquaculture and Management Practice of Bangladesh: Challenges in the Current Pandemic Situation”.
- 78 International Web Conference on Recent Advances in Freshwater Aquaculture (RAFA – 2021) 21 & 22 January 2021, in India. Participated as a invited Plenary Speaker and delivered a lecture with abstract on “Sustainable Aquaculture and Management Practice in Bangladesh, Organized by Department of Zoology M.S.P. Mandal’s – Sunderrao Solanke Mahavidyalaya and Nepal Aquaculture Society.
- 79 2nd International (Web) Conference on Environment and Society (ICES 2020) Socio-economic and Environmental Issues: Challenges and Future Prospects in Current Pandemic Situation December 26 , 27 & 28 , 2020. Participated as an invited Foreign Delegate and delivered a lecture with abstract on “Sustainable Aquaculture and Management Practice in Bangladesh during pandemic. Jointly organized by GESA, Maharishi Markandeshwar (Deemed to be University), Mullana Ambala (Haryana), Govt. KRG College, Gwalior K. J. Somaiya College, Ahmednagar, NESA and ABRF, India.
- 80 National Webinar cum Seminar Sustainable Development of Poorvanchal, 10 & 11 December 2020. D.D.U. Gorakhpur University, India. Attended as a Lead speaker with an abstract on Challenge of Inland Fisheries sector in Bangladesh.
- 81 Three days International Web Conference (IWC 2020) on “Safe Water, Sanitation and Hygiene for Health” in UP, India; during November, 9, 10 & 10, 2020. Participated as a invited international Speaker and delivered a lecture on “Safe Water, Sanitation and Hygiene for Health”.
- 82 Two days International Webinar on “Women,s role in development: Need for gender justice in India” in Paliwal PG College Shikohabad Firozabad (UP) India; during October, 30 & 31, 2020. Participated as international Speaker and delivered a lecture on “Women,s role in development: Need for gender justice”.
- 83 An International Webinar jointly RDOB and Tea Talk Social Transdisciplinary Student Group. In Katmundu, Nepal; during October, 3, 2020. “Sustainable Aquaculture Practice in Bangladesh during pandemic”; attended as a Key note Speaker.
- 84 International Webinar on “GANDHIAN IDEOLOGY & CONTEMPORARY PHILOSOPHERS ON ENVIRONMENT” held in Dept. of Zoology, Palwal College, Shikohabad, Firozabad, India, during October, 2. Attended as a Key note Speaker.
- 85 International Webinar on Aquaculture and Marine Biology “Conservation and promotion of major cat fishs and Chitol in the Padma River System” held during September 23-25, 2020, India; as a key note speaker.
- 86 International Webinar on “Sustainable Aquaculture Management in South –East Asia”, Date: 22nd September 2020 “Sustainable aquaculture management in Bangladesh during COVID 19” held during September 22, 2020, as a key note speaker.
- 87 International Web Conference on Integrated Aqua farming for sustainable Rural Development (AIASRD), India; “Aquatic Resource Management and it’s Conservation in Bangladesh during COVID 19. Date: 29-30 September 2020, as a key note speaker.
- 88 International Webinar for Understanding and Managing Small Scale Fisheries “Small Scale Fisheries in Inland Open Waters: Status and Opportunities” India; Date: 9-10 September 2020, as a key note speaker.
- 89 International E-Conference (23-24 August 2020) on “Effect of COVID Pandemic on Agriculture and Allied Sciences (ECPAAS-2020)” India; The topic of lecture is on “Effect of COVID Pandemic on

Fisheries sector of Bangladesh”, as a Key note speaker.

- 90 International webinar conference on “Life security in current scenario” organized by Adras Institute of Management and Science Dhamzod zoological Society of India, as a key note speaker. April, 2020.
- 91 International Webinar on Aquaculture sector challenges during COVID 19. IIMT University Meerut, India As a Key note Speaker.
- 92 National Seminar on Advancement of Biology in the 21st Century, Department of Zoology, Visva-bharati, Santinikaton, India. 28-29 February, 2020. Key note speaker
- 93 6th International conference on Environment and Ecology. University of Allahabad, Prayagraj, Uttar Pradesh. India. 24-26 February, 2020. Key note speaker
- 94 32nd All India Congress of Zoology (ALCZ) and International conference on “Life Security on Earth”. Mandu Dhar, Madhya Pradesh, India. 22-24 February, 2020 Key note speaker
- 95 Ecosystem health and fisheries of Indian Inland waters: Multiple stressors, management & conservations. G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, India 17-19 February, 2020. Key note speaker
- 96 National Conference on integrating Biological Resources for Prosperity. Bitratnagar, Nepal. 6-7 February, 2020. Key note speaker
- 97 Fisheries society of Bangladesh Biennial Conference (FSB2019), 27-28 December, 2019.
- 98 1st International Conference on Environment and Society (ICES 2019) Kanpur, India (22rd & 23rd December, 2019).
- 99 International Seminar on Agriskills Convergence in research, Industry and Livelihood (ACRIL), Bidhan Chandra Krishi Viswavidyalays (BCKV), West Bengal, India. (November 28 to December 1, 2019).
- 100 Green skill development programme on People’s Bio-diversity Register (PBR), University Of Kalyani, West Bengal, India. 26 december 2019.
- 101 “National Conference on Research Development in Fisheries (2019)” Lucknow, India.
- 102 Longdom Conference Euro Aqua 2019; Italy; 14-15 October, 2019. Presented as a Key note speaker on Reproductive cycle and control natural breeding of the mud eel, *Monopterus albus* (Hamilton Buchanan, 1822) in Bangladesh and Present Status of Mud Crab Population in Bangladesh
- 103 International multidisciplinary research conference on biodiversity, climate change, physical and life Science. India; 21-22 January 2019. Aquatic biodiversity status of Bangladesh.
- 104 BIT’s 6th Annual world congress of Aquaculture and Fisheries. 2-4 November 2017. China. Sustainable Development of Aquaculture and Fisheries.
- 105 Attending a seminar of mud crab status in Philippine. Arranged by SEAFDEC, Philippine. September 16-25, 2017.
- 106 International conference on aquatic resources and sustainable management. 17-19 February 2016. India. With an abstract “Present Fish Culture status in Bangladesh.
- 107 Revitalizing the Ganges Coastal Zone Conference, 21-23 October, 2014. With an abstract
- 108 International Seminar on Fresh water fish farm management in Vietnam. September, 20-29, 2014. Vietnam.
- 109 International Seminar on “Integrating Agriculture and Allied Research Prioritizing future potentials for secure livelihoods” 2014; In BCKB, India with an abstract on “Status of biodiversity medicinal plants in floodplain basin of northern Bangladesh”.
- 110 6th Biennial Fisheries conference & research fair-2014. 26-27 April 2014. With an abstract of “Importance of indigenous knowledge of Adivasi fisher’s communities on production biology of *cuchia* and its effect on their livelihood in northern Bangladesh”.
- 111 5th Fisheries conference and Research Fair 2012 India; 12-19 January 2012. With abstract Present status of biodiversity in Guradia beel in northern Bangladesh and prospect for using as fish Nursery.
- 112 4th Annual (4th Biennial) Conference 29 June 2012, Receive Fellow Award.
- 113 International Symposium on System Intensification towards food and environmental security, India; 24-27 February, 2011. With an abstract on “To intensify beel nursery technique for food and environmental security in Bangladesh.
- 114 National Symposium on “Agriculture in the paradigm of Intergenerational Equity, India; 22-23 May 2009; with a paper. Natural Resource management in Bangladesh.
- 115 The 8th Indian Fisheries Forum 2008 India; With an abstract “Induction of Spawning in spiny Guchi *Macrognathus pancalus* in Bangladesh.
- 116 5th BAED national Conference July 5, 2008. With an abstract.

- 117 National Symposium on “Ecosystem health and fish for tomorrow”, India; 14-16 December 2007.” An abstract with Study of aquatic biodiversity of Suthi Shaiduli River in Bangladesh.