

GOVERNMENT OF ASSAM
FISHERY DEPARTMENT: DISPUR: GUWAHATI-6

No.FISH.05/2026/17

Dated Dispur the 4th July, 2026

From : Under Secretary to the Govt. of Assam
Fishery Department &
Nodal Officer

✓ To : The Secretary,
Assam Legislative Assembly, Dispur

Subject : Submission of reply / materials to the Unstarred Assembly Question
No.29 to be asked by Shri Mehboob Muktar , Hon'ble MLA

Reference : Unstarred Assembly Question No.29

Sir,

With reference to the subject cited above, I am directed to submit herewith the required 150 copies of cyclostyled reply to the Unstarred Assembly Question No.29 to be asked by Shri Mehboob Muktar , Hon'ble MLA on 06/07/2026.

Answer along with Annexure is also uploaded in the website "neva.gov.in/Home/NeVA" of Assam Legislative Assembly.

This is for favour of your kind information and necessary action.

Enclo: As stated above.

Yours faithfully,



Under Secretary to the Govt. of Assam
Fishery Department

অসম বিধান সভা
তৰাবিহীন প্ৰশ্ন নং: ২৯
উত্তৰ দিয়া তাৰিখ: ০৬/০৭/২০২৬

বিষয়: মীন বিষয়া সকলৰ বিদেশ ভ্ৰমণৰ ব্যয় সম্পৰ্কত।

বিধায়ক: শ্ৰীমেহবুব মোক্তাৰ:

মাননীয় মীন বিভাগৰ মন্ত্ৰী মহোদয়ে অনুগ্ৰহ কৰি জনাবনে:

- (ক) বিগত দুটা বৰ্ষত মীন বিভাগৰ পৰা নতুন প্ৰযুক্তি আহৰণৰ বাবে বিদেশলৈ যোৱা বিষয়াৰ নামৰ তালিকা দাখিল কৰিব।
- (খ) বিষয়াসকলে বিদেশলৈ প্ৰযুক্তি আহৰণৰ বাবে যোৱাৰ বাবদ দুটা বৰ্ষত হোৱা চৰকাৰী ব্যয়ৰ পৰিমাণ দাখিল কৰিব।
- (গ) বিদেশলৈ যোৱা বিষয়াসকলে বিদেশৰ পৰা আহৰণ কৰা প্ৰযুক্তিৰ সবিশেষ আৰু উক্ত প্ৰযুক্তি ক'ত ক'ত ব্যৱহাৰ কৰিছে সবিশেষ তথ্য দাখিল কৰিব।

উত্তৰ

মাননীয় মীন বিভাগৰ মন্ত্ৰী শ্ৰীযুতা নীলিমা দেৱী মহোদয়াই উত্তৰ দিব:

(ক) বিগত দুটা বৰ্ষত মীন বিভাগ, অসম তথা ইয়াৰ অধীনস্থ কাৰ্যালয়ৰ পৰা চৰকাৰীভাৱে বিদেশলৈ যোৱা বিষয়াসকলৰ নামৰ তালিকা তলত উল্লেখ কৰা হ'ল:

- ১) শ্ৰী কৈলাশ চান্দ চাম্ৰিয়া, IAS, অতিৰিক্ত মুখ্য সচিব, মীন বিভাগ, অসম
- ২) শ্ৰী বীৰেন্দ্ৰ মিত্তল, IAS, আয়ুক্ত ও সচিব, বিত্ত বিভাগ, অসম
- ৩) শ্ৰী গোবী শংকৰ দাস, ACS, মীন সঞ্চালক, অসম
- ৪) ড॰ ৰমেন্দ্ৰ চন্দ্ৰ বৰ্মণ, উপ সঞ্চালক, মীন সঞ্চালকালয়, অসম
- ৫) শ্ৰী বিমল শৰ্মা, জিলা মীন উন্নয়ন বিষয়া, বৰপেটা।
- ৬) শ্ৰী চন্দন চেত্ৰী, প্ৰবক্তা, আৰ. এফ. টি. আই., আমৰঙ্গা
- ৭) শ্ৰী হিমাংশু তালুকদাৰ, জিলা মীন উন্নয়ন বিষয়া, নগাঁও
- ৮) ড॰ সঞ্জয় শৰ্মা, জিলা মীন উন্নয়ন বিষয়া, নলবাৰী
- ৯) শ্ৰী প্ৰতুল ডেকা, জিলা মীন উন্নয়ন বিষয়া, গুৱাহাটী
- ১০) শ্ৰী ত্ৰিনয়ন দেব শৰ্মা, মহকুমা মীন উন্নয়ন বিষয়া, বজালী
- ১১) শ্ৰী অচিন্ত্য শইকীয়া, মীন উন্নয়ন বিষয়া, মীন সঞ্চালকালয়, অসম

(খ) বিষয়া সকলে বিদেশলৈ যোৱাৰ বাবদ মীন বিভাগৰ পৰা চৰকাৰীভাৱে কোনো ধন ব্যয় হোৱা নাই।

এই ক্ষেত্ৰত যাবতীয় খৰছ WorldFish, German Corporation for International Cooperation (GIZ), Asian Development Bank আৰু Israel's Agency for International Development Cooperation য়ে বহণ কৰিছে।

(গ) ওপৰোক্ত বিদেশ ভ্ৰমণত আহৰণ কৰা প্ৰযুক্তিগত কৌশলৰ বিৱৰণ পৰিশিষ্ট ১ ৰ পৰা ৪ লৈ সংলগ্ন কৰা হ'ল। উক্ত প্ৰযুক্তিৰ পৰা আহৰণ কৰা অভিজ্ঞতা মীন সম্পৰ্কীয় প্ৰকল্প প্ৰতিবেদন প্ৰস্তুত কৰাৰ লগতে ৰাজ্যৰ মীনখণ্ডৰ বিভিন্ন ক্ষেত্ৰত পৰোক্ষভাৱে সহায়ক হৈছে।

(উত্তৰসমূহ পৰিশিষ্টসহ বিধানসভাৰ ৱেবচাইট “neva.gov.in/Home/NeVA” ত আপলোড কৰা হ'ল।)

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৯/১১/২৫ - ২

Submission of Information/Reply in Respect of the Assembly Question
Raised by Hon'ble MLA Shri Mehbub Muktar.

1. The following officers from the Fisheries Department and ARIAS Society were nominated to participate in the Capacity Development Programme under the proposed ADB-financed Assam SWIFT Project of the Fisheries Department, which was held in South Korea from 16th November 2025 to 22nd November 2025.
 - a. Sri K.C. Samria, IAS, Additional Chief Secretary to the Govt of Assam, Fishery Department
 - b. Sri Virendra Mittal, IAS, State Project Director, ARIAS Society.
 - c. Sri Bimal Sarma, District Fisheries Development Officer, Barpeta.
 - d. Sri Himangshu Talukdar, District Fisheries Development Officer, Nagaon
 - e. Sri Trinayan Deb Sarmah, Sub-Divisional Fisheries Development Officer, Bajali
 - f. Sri Achintya Saikia, Fisheries Development Officer, PIU-SWIFT.
2. The expenditure towards the exposure visit for the Capacity Development Program in South Korea was financed by the Asian Development Bank (ADB).
3. The following key learnings from the exposure visit to South Korea have been identified, along with the proposed interventions for incorporation into various departmental schemes for fisheries development in Assam.

Sl	Key leanings from South Korea visit	Proposed Interventions to be Incorporated for Fisheries Development in Assam
1	Establishment of Modern wholesale fish market with a transparent auction system, integrated cold-chain and hygiene infrastructure, efficient price discovery through limited intermediaries, and a "buy-and-eat" model promoting retail, dining, and tourism.	Modernization of major fish markets in Guwahati, Silchar, and Dibrugarh through the introduction of transparent auction and e-platforms for price discovery, cold-chain and hygiene infrastructure upgrades under the SWIFT/State schemes, and integration of fish markets with tourism and urban development initiatives.
2	Promote sustainable wetland management through ecological zoning, seasonal fishery regulation, and eco-tourism infrastructure development (boardwalks, bird hides, and	Promote sustainable management of major beels through Ramsar-compliant zoning, seasonal fishing regulations, and the development of interpretation centres and eco-trails under the Assam SWIFT Project.

	interpretation centres).	
3	Strengthen community-based eco-tourism through cooperatives, diversified livelihoods, and conservation-linked incentives.	Promote wetland-based cooperatives integrating fisheries, eco-tourism, and value-added enterprises with benefit-sharing mechanisms to support sustainable livelihoods and conservation.
4	Integrate wetland conservation with public gardens and cultural spaces to promote eco-tourism, generate revenue through entry fees and events, and create sustainable local employment opportunities.	Develop eco-parks and wetland tourism around selected beels, establish sustainable revenue mechanisms for wetland maintenance, and integrate wetlands with cultural and nature tourism circuits.
5	Adopt a cluster-based fisheries development approach integrating production, processing, research & development, and marketing, with a strong focus on bio-security, disease control, quality standards, and public-private partnerships.	Establish district-level fisheries clusters with integrated infrastructure and branding of "Assam Freshwater Fish" to enhance production, value addition, and market competitiveness.
6	Develop bio-secure, mechanized pond systems with life stage-specific rearing, aeration, and sludge management to improve fish survival and productivity.	Develop bio-secure community aquaculture clusters with automated feeding, aeration, and high-value species culture to enhance productivity and fish survival under the Assam SWIFT Project.
7	Strengthen fisheries capacity through practical training, entrepreneurship promotion, and advanced breeding and hatchery technologies.	Strengthen fisheries training through institute-farm linkages and exposure-based capacity building for fisheries officers and youth.
8	Promote smart and sustainable aquaculture through the adoption of sensor-based automation, data-driven management, cooperative-based integrated financing models (e.g., NongHyup), and sustainability-focused aquaculture policies.	Promote the phased adoption of smart aquaculture technologies under the Assam SWIFT Project by strengthening fisheries cooperatives with credit, insurance, and marketing support, in collaboration with NABARD and financial institutions for integrated service delivery.



(ACHINTYA SAIKIA)

INTERNATIONAL EXPOSURE OF FISHERY DEPARTMENTAL OFFICERS TO CAMBODIA AND VIETNAM (1ST JUNE, 2024 -11TH JUNE, 2024)

The International exposure visit was the exchange program to visit Cambodia and Vietnam from Indian side to understand the advancement and initiative that has taken by Cambodia and Vietnam's fisheries sector. The study was taken place from 1st June to 11th June 2024 comprising of three Fishery Departmental Officers of Assam. From 1st to 6th June, the delegates visited Cambodia, where they went to Govt. Research Institutes, private farms, partners of SAFR, and their models of farming and advancements in hatchery and grow out-pond. The tour was sponsored by GiZ International under the project SAFAL and no expenditure was made from the Government of Assam.

Afterward, team visited Vietnam from 7th to 11th June 2024, where they went to one of the prominent universities of Vietnam viz. Can Tho University, and a local whole sale market in Ho Chi Minh, to see the research technologies and local best practices used in post-harvest management in the fisheries sector.

Objectives

1. To understand the best fisheries practices in Cambodia and Vietnam.
2. To understand about ongoing innovation in pre and post-harvest management in the field of fisheries and aquaculture.
3. The CFR model adopted by the Cambodian government.

List of Participants from Fishery Department as per approval from the competent Authority:

Sl. No	Participants	Office / Organization
1.	Dr. Ramedra Chandra Barman	DoF, Govt of Assam
2.	Dr. Sanjay Sarma	DoF, Govt of Assam
3.	Mr. Pratul Deka	DoF, Govt of Assam

Lessons learn: As discussed between government officials and representatives from the mentioned institutes, there is a promising potential for collaboration between FARDeC, NARDI, and Can Tho University with our state in the near future. This collaboration would focus on various species, aiming to leverage the strengths and expertise of each institution to advance aquaculture research, innovation, and

sustainable practices. By working together, it can address shared challenges and unlock new opportunities for growth and development in the aquaculture sector.

Conclusion:

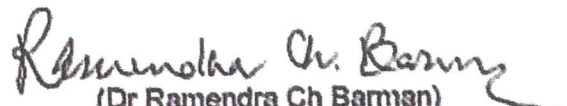
The 10-day study tour to Cambodia and Vietnam was incredibly insightful for all the delegates involved. They gained valuable knowledge about hatcheries, grow-out ponds, and the introduction of new species in pond culture.

The delegation particularly appreciated the innovative monitoring and surveillance mechanisms adopted by the Community Fish Refuge (CFR) Management Committees, including the installation of CCTV cameras at strategic locations to deter illegal fishing activities, strengthen enforcement, and ensure compliance with conservation measures. The effective integration of community stewardship, legal empowerment, and modern surveillance technologies has significantly contributed to the sustainable management of inland fisheries and the long-term conservation of aquatic biodiversity.

The Cambodian experience serves as an outstanding example of how community ownership, institutional support, and technological innovation can collectively ensure the sustainable utilization and conservation of natural fishery resources while strengthening local livelihoods and ecosystem resilience.

The visit to Smiling Gecko highlighted the possibilities of aqua tourism, and the team learned about murrel culture alongside pangasius farming. They also explored innovations in post-harvest processes, including packaging and drying techniques.

Overall, the tour provided a wealth of learning experiences from both countries, leaving the delegates with a deeper understanding and numerous ideas to implement in their practices.


(Dr Ramendra Ch Barman)
Deputy Director of Fisheries, DoF

(7)
AT/212-6

Submission of information/ reply in respect to the Assembly question (D. No.21) raised
by Hon'ble MLA Shri Mehbub Muktar

1. Mr. Chandan Chetri, Lecturer cum State Nodal Officer (PMMSY), Regional Fisheries Training Institute (RFTI), Amranga, Assam attended a training programme in Israel on "Intensive Fish Farming" as per the approval of the Ministry of Fisheries, Animal Husbandry and Dairying, Govt of India, organized by the MASHAV, Israel's Agency for International Development Cooperation during 16th to 25th July, 2025.
2. The expenditure was borne by the Israel's Agency for International Development Cooperation as scholarship that covered the cost of the training programme including lectures and field visits, full board accommodation and transfers to and from the airport.
3. The following key learnings from the visit to Israel have been identified along with the proposed interventions for incorporation into various departmental schemes for fisheries development in Assam.

Sl.	Key learnings from Israel visit	Proposed interventions to be incorporated for fisheries development in Assam
1	Overview of Israel's Aquaculture (Higher production and productivity)	Feed based Aquaculture have been proposed and promoted to achieve higher production and productivity under various schemes implemented by the Department.
2	Fish Farming Methods (Pond Farming, Cage Farming, and RAS)	Various fish farming methods like Pond farming, cage farming and RAS system have been incorporated and promoted under the various schemes including PMMSY implemented in the State barring cage farming.
3	Hatchery Management (Quality Fish Seed production)	Efforts have been made to establish Brood bank for production and promotion of Quality Fish Seed under PMMSY. Further, initiatives have been taken for accreditation of hatcheries in the state to regulate and monitor fish seed production with emphasis on quality fish seed production.
4	Fish Nutrition	Promotion of quality feed for better growth and higher fish production through establishment of Fish Feed Mills under PMMSY and other schemes have been targeted.
5	Fish health Management	Proposal have been submitted to GoI for funding support to establish state of the art fish disease laboratory in the state under PMMSY.

(CHANDAN CHETRI)

Report of the Visit on 32nd Session of the 3rd Aquaculture Africa Conference and Exposition (AFRAQ24) on November 19-22nd in Hammamet, TUNISIA.

The Director of Fisheries, Assam, Sri Gauri Sankar Das, ACS visited Tunisia to participate in the 32nd Session of the 3rd Aquaculture Africa Conference and Exposition (AFRAQ24) on November 19-22nd in Hammamet, TUNISIA.

The African Chapter of the World Aquaculture Society (WAS-AC) in partnership with the Ministry of Agriculture, Water Resources and Fisheries, Tunisia has hosted the 3rd Aquaculture Africa Conference and Exposition (AFRAQ24) on November 19-22 in Hammamet, TUNISIA. AFRAQ24, which is themed "Blue Farming: New Horizons for Economic Growth", which features world-class technical sessions and workshops covering nearly all aspects of aquaculture in Africa and around the globe. International professionals and a diversity of stakeholders were presented current research and showcase the latest innovations in the aquaculture sector. The event was highlighted a Tradeshow comprising more than 150 booths with exhibitions from around the world. Furthermore, several international agencies that are playing a role in African aquaculture development are participated AFRAQ24. Some of these International Organizations such as FAO, African Union Agencies, AU-IBAR, World Bank, Aquaculture Network for Africa (ANAF) and GIZ and others have participated the event.

AFRAQ2024 encountered active participation from key organizations such as the African Union, FAO, WorldFish, World Bank, African Development Bank, and BMZ-GIZ. These collaborations aim to drive forward the agenda of sustainable aquaculture development across the continent. The conference will feature plenary sessions, technical presentations, workshops, and networking opportunities. The Technical Sessions Covering areas such as sustainable aquaculture practices, aquatic animal health, aquafeeds, biotechnology, climate change impacts, and gender and youth involvement in aquaculture.

The Aquaculture Africa 2024 Conference (AFRAQ24), held in Hammamet, Tunisia, was a major Africa. GIZ's engagement at AFRAQ24 demonstrated how science-based, inclusive and event uniting policymakers, researchers, and practitioners to shape the future of aquaculture in ecosystem-conscious approaches can drive resilient aquaculture growth. India's fisheries sector, which is among the world's largest, stands to gain from adapting these frameworks-ensuring economic growth without compromising environmental integrity.

In this International visit, no Departmental/Govt. fund was spent and all the expenditure was born by the GIZ.



Report of the Visit on "World-Fish Science Fair" celebrated in commemoration of the 50th Anniversary of World-Fish held at Penang during 2-3 June, 2025.

The Director of Fisheries, Assam, Sri Gauri Sankar Das, ACS attended the World-Fish Science Fair on 2-3 June, 2025 at Penang, Malaysia, which was held to celebrate in commemoration of the 50th Anniversary of World-Fish (an International CGIAR organization).

In June 2025, World-fish celebrated its 50th golden jubilee with a landmark Science Fair at its global headquarters in Penang, Malaysia. The two-day event convened global partners, donors, and alumni to showcase five decades of innovation in aquatic food systems and outline strategies for the future.

Key Highlights of the Science Fair:

- **Global Collaborations:** The fair featured interactive innovation showcases, expert panel discussions, and reflections on World-Fish's legacy.
- **Digital Advancements:** The event coincided with the launch of CGIAR's Asia Digital Hub at the Penang headquarters, aimed at accelerating AI and digital innovations across Asia.
- **Commemorative Book:** Malaysia's Ministry of Agriculture and Food Security was presented with WorldFish's special 50th-anniversary publication, *From Fisheries Science to Aquatic Food Systems for Sustainable Development*, marking both the global milestone and World-fish 25th year of being headquartered in Penang.

The brief programme was as follows:

(i) 02/06/2025 (Day 1): Attended the 50th Anniversary Programme at World-Fish HQ, Penang, where representatives from all international fisheries institutes attended and shared their valuable inputs. The programme mainly enhanced knowledge on fisheries, particularly in the areas of:

- Sustainable aquaculture management
- Freshwater fish diversification
- Management of aquatic resources, etc.

The Director General of World-Fish, Dr. Essam Yassin Mohammed, acted as the Chairman of the programme. The Director of Fisheries, Assam found opportunity to learn on the sustainable management of aquatic resources, Freshwater fish diversification etc, which will helps in guiding the Fisheries Department, Assam including the EAP Project, SWIFT, and ASAPALI.

(ii) 03-06-2025 (Day 2): The Second Day Programme was mainly the Seminar on "Aquatic Food Systems Innovation and Knowledge" where the deliberation of problems on Aquatic Food system in special emphasis on Fish was discussed thoroughly. The prime concern on Global Warming as well as the Pollution aspects was discussed thoroughly. The visit provided meaningful opportunities for engagement and collaboration to support the sustainable and inclusive fisheries and aquaculture development for the State of Assam.

In this International visit, no Departmental/Govt. fund was spent and all the expenditure was born by the World-fish.