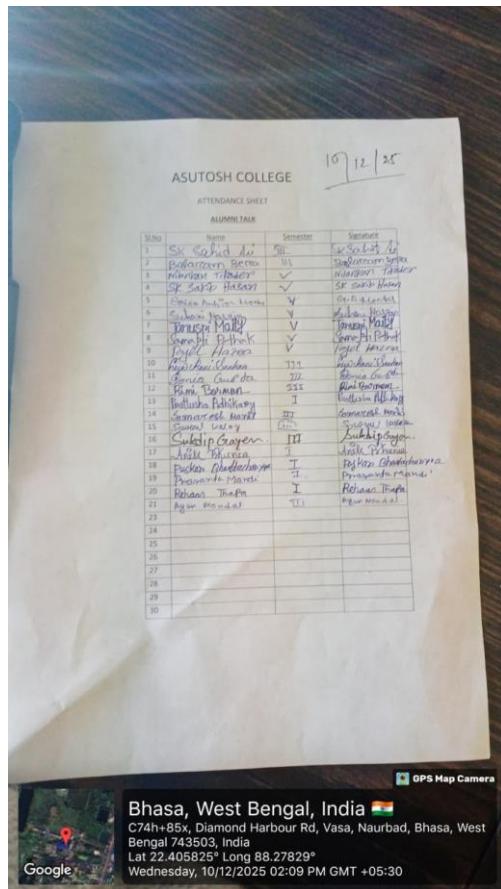


## **Alumni Talk Fish and Shellfish Diseases and Health Management**

- **TITLE OF EVENT/ PROGRAMME (SEMINAR/ WEBINAR/ WORKSHOP/ EXTENSION LECTURE/ EXTENSION ACTIVITY/ ANY OTHER ACTIVITY):** Alumni Talk on Fish and Shellfish Diseases and Health Management
- **THEME OF THE EVENT/ PROGRAMME:** Alumni Talk
- **ACADEMIC SESSION:** 2025-26
- **DATE:** 10-12-2025
- **VENUE:** Asutosh College 2<sup>nd</sup> Campus
- **OBJECTIVE/ PURPOSE:**
  - ✓ To leverage alumni expertise and field experience in sharing practical knowledge on fish and shellfish disease diagnosis, prevention, and management strategies.
  - ✓ To provide current students with insights into real-world challenges and best practices in aquatic animal health and disease control within commercial aquaculture operations.
  - ✓ To bridge the gap between theoretical classroom learning and applied field knowledge through direct interaction with working professionals.
  - ✓ To inspire and motivate students by showcasing successful career trajectories and opportunities in fisheries disease diagnostics and health management sectors.
- **SPEAKER/S / RESOURCE PERSON/S:** Mr. Kaushik Biswas
- **TARGET AUDIENCE/ PARTICIPANTS:** Students of Semester I, III, and V (IAF)
- **ATTENDANCE SHEET:**



#### ➤ BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:

The Department of Fisheries Science organized an Alumni Talk on "Fish and Shellfish Diseases and Health Management" on 10 December 2025 at Asutosh College's 2nd Campus during the 2025–26 academic session. The speaker, Mr. Kaushik Biswas, an alumnus and experienced professional in fish disease diagnostics, shared valuable insights on diagnostic techniques, disease surveillance, and preventive health management strategies in aquaculture systems.

During his presentation, Mr. Biswas discussed common bacterial, viral, parasitic, and fungal diseases affecting finfish and shellfish, with emphasis on early detection and cost-effective treatment options. He highlighted the importance of water quality monitoring, biosecurity protocols, and stress management in maintaining flock/stock health. The talk included case studies from commercial hatcheries and grow-out farms, demonstrating practical applications of health management principles. An interactive question-and-answer session followed, where students posed queries related to disease outbreak management, use of probiotics and immunostimulants, and regulatory compliance for therapeutic interventions.

Faculty members appreciated the relevance and industry-aligned content delivered by the alumnus, which provided students with contemporary knowledge and career inspiration.

➤ **EXPECTED OUTCOME:**

- ✓ Students will gain comprehensive knowledge of major fish and shellfish diseases, their etiology, clinical signs, and diagnostic procedures applicable in field situations.
- ✓ Participants will develop practical competencies in disease prevention through proper husbandry practices, feed management, and environmental monitoring.
- ✓ The session will enhance students' understanding of treatment protocols, therapeutant selection, and sustainable disease management without excessive antimicrobial use.
- ✓ Alumni interaction will provide career guidance and motivation for pursuing specialization in fish health, diagnostics, or aquatic animal welfare in postgraduate studies and professional practice.

➤ **GEO-TAGGED PHOTOGRAPHS:**



