

# 11<sup>th</sup> Asian Buffalo Congress

25<sup>th</sup> – 27<sup>th</sup> October, 2024

Venue: BCDM, Savar, Bangladesh

website: [www.abc2024.org](http://www.abc2024.org)

Theme: *Buffalo for safe food and sustainable production*

The Congress is organized with the endorsement of these prestigious institutions



We thank the Official Sponsors for their support to the congress and the buffalo promotion



## *Buffalo for safe food, money and environment*

Buffalo once called Asian animal and beast of burden has now become global animal due to globalization of the animal for its outstanding food value, economic benefit of rearing and its ability to sustain in all environment. This species contributes 15% of the total milk produced in the world. However, 98.91% of the buffalo milk and 96.44% of the buffalo meat are production in the Asian region.

Climate change has been identified as the most catastrophic phenomena affecting all forms of life on Earth during the 21st century. These changes affect all eco-systems and are a perceived threat to livelihood, food security and sustainable development. To achieve this, sustainable strategies must be put in place to produce and supply enough nutritious and safe food for a growing population. Water buffalo is an emerging species worldwide and can contribute significantly to more sustainable and safe food production in the long term.

The number of buffalo is increasing in India, Pakistan, Nepal, China, Italy, South America and some part of the world. However, the number of buffalo is decreasing in South East Asia, Sri-Lanka, Bangladesh and other countries. It is important that all stake-holders and scientists involved in buffalo production and research contribute to a global strategy that addresses global food and environmental challenges.

Under this backdrop, Asian Buffalo Association (ABA) in cooperation with Bangladesh Buffalo Association (BBA), Department of the Livestock Services of Bangladesh, Bangladesh Livestock Research Institute, Bangladesh Agricultural University have teamed-up to host the 11<sup>th</sup> Asian Buffalo Congress on 25<sup>th</sup> -27<sup>th</sup> October, 2024 at Savar, Dhaka, Bangladesh. The congress will provide a unique platform of networking among the scientists, professionals and policy makers not only from Asia, but also from all over the world. Moreover, the scientific deliberations, knowledge sharing and discussions during the congress will add more scientific value on buffalo research and help addressing the key issues of buffalo production and its sustainable development.

***Program of 1<sup>st</sup> half of day 1: 25<sup>TH</sup> October, 2024***

Time	Program	Resource person
9.00 -10.00 am	Registration	
10.00 – 10.10 am	Opening of the congress	Miss Farida Akter, Honorable Adviser, Ministry of Fisheries and Livestock & All
10.10- 10.30 am	Welcome address	Dr. Ashok Kumar Balhara, Secretary, Asian Buffalo Association
10.30 – 11.00 am	<b>Theme paper</b> Buffalo for safe food and sustainable production	Dr. T.K. Datta Director. ICAR-CIRB, India
11.00- 11.15 am	Special guest Speech	Professor Antonio Borghese Secretary, International Buffalo Federation, Italy
11.15-11.25 am	Special guest speech	DR. Md. Reajul Huq, Director General, Department of Livestock Services, Bangladesh, Farm Gate, Dhaka, Bangladesh
11.25 -11.35 am	Special guest speech	Dr. Sayeed Mahmood Belal Haider, Secretary, Ministry of Fisheries and Livestock, Dhaka, Bangladesh
11.35-11.45 am	Guest of Honour speech	Prof. Dr. A.K. Fazlul Haque Bhuiyan, Vice-chancellor, Bangladesh Agricultural University, Mymensingh, Bangladesh
11.45-12.00 am	Chief guest speech	Miss Farida Akter, Honorable Adviser, Ministry of Fisheries and Livestock , Dhaka, Bangladesh
12.00-12.15 pm	Vote of thanks	Dr. Hiranmoy Biswas Secretary, Local organizing committee, ABC, 2024
12.15-12.30 pm	President speech	Prof. Dr. Md. Omar Faruque President, Asian Buffalo Association
12.30-14.30 pm	<b>Lunch and prayer</b>	

## Program of 2<sup>nd</sup> half of day 1: 25<sup>TH</sup> October, 2024

### *Session for Invited papers*

#### Chair:

Dr. Sayeed Mahmood Belal Haider, Secretary, Ministry of Fisheries and Livestock, Dhaka, Bangladesh

#### Co-Chair:

DR. Md. Reajul Huq, Director General, Department of Livestock Services, Bangladesh, Farm Gate, Dhaka, Bangladesh

Professor Dr. Bhuminand Devkota, University of Agriculture and Forestry, Chitwan, Nepal

Time	Program	Resource person
14.30 -15.00 pm	Potential of water buffalo in world agriculture: Challenges and opportunities	Professor Antonio Borghese, Secretary General, International Buffalo Federation, Italy
15.00 – 15.30 pm	Potential of water buffalo in Asian agriculture: Challenges and opportunities	Dr. Inderjeet Singh Vice President, Asian Buffalo Association, India
15.30- 16.00 pm	Feeding of buffaloes based on local feed resources to enhance rumen fermentation efficiency and mitigate methane emission	Professor Dr. Metha Wanapat, Khon Kaen University, Thailand
16.00 – 16.15 am	<b>Tea Break</b>	

### *Scientific Session: Buffalo ecology, climate, welfare and sustainability*

#### Chair:

Mr.A.T. M. Mostafa Kamal, Additional Secretary (Livestock), Ministry of Fisheries and Livestock, Dhaka, Bangladesh

#### Co-Chair:

1. Dr S M Jahangir Hossain, Director General, Bangladesh Livestock Research Institute, Savar, Dhaka, Bangladesh.

2. Mr Hasibur Rahman, Additional Deputy Managing Director, ACME Laboratories Ltd. Dhaka, Bangladesh

16.15-16.40 pm	Keynote paper	Buffalo contributes to sustainability during the climatic change era	<b>Dr. Antonella Chiariotti</b> Research Centre for Animal Production and Aquaculture Rome, Italy
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	Oral presentation		
16.40-16.50 pm		Investigation of sprinkler cooling system on reducing heat stress in swamp buffalo	<b>Thuchadaporn Chaikhun-Marcou</b> , Obstetric-Gynecology Andrology and Animal Biotechnology Clinic, Faculty of Veterinary Medicine, Mahanakorn University of Technology, Nongchok, Bangkok, 10530, Thailand.
16.50-17.00 pm		Transforming buffalo farming in the climate change landscape of Bangladesh	<b>S. M. Rajiur Rahman. Ph.D.</b> National Dairy and Nutrition Expert Clean and Energy Efficient Cooling for Livestock Supply Chains in Bangladesh (Contract No: 7210554) IRG-World Bank Group, Dhaka, Bangladesh
17.00-17.10 pm		Redesigning buffalo farming practices in Bangladesh toward a sustainable milk production system	<b>Unusing Marma</b> Department of Medicine and Surgery, Chattogram Veterinary and Animal Sciences University (CVASU), Chattogram-4225 Bangladesh
<b>16.00- 1730 PM</b>	<b>Poster presentation</b>		

**Program of day 2: 26<sup>th</sup> October, 2024**

<b>Scientific Session: Buffalo breeding and reproduction</b>			
<b>Chair:</b> Dr. Inderjeet Singh, Vice-Chancellor, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, India.			
<b>Co-Chair:</b>			
1. Prof Dr MAM Yahia Khandoker, Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh, Bangladesh.			
2. Dr. Mohammad Bozlur Rahman, Director Planning, Department of Livestock Services of Bangladesh, Dhaka, Bangladesh			
09:00 – 09:15 am	Keynote paper	Improving Reproductive Performance in Dairy Buffalo: Major Constraints and Achievements	<b>Professor Dr. Nasim Ahmed</b> Professor Emeritus, University of Veterinary and Animal Sciences, Lahore, Pakistan

09:15 – 09:25 am	Oral presentation	Progesterone Impregnated Intravaginal Sponge Device for Reproductive Management in Buffalo	<b>Professor Dr. Bhuminand Devkota</b> Department of Theriogenology, Agriculture and Forestry University, Chitwan, Nepal
09:25 – 09:35 am		Interferon-tau and pregnancy-associated glycoproteins as early markers of pregnancy in buffalo	<b>Professor Olimpia Barbato</b> Department of Veterinary Medicine, University of Perugia, 06100 Perugia, Italy
09:35 – 09:45 am		Time of artificial insemination after GnRH administration on reproductive performances of synchronized native buffaloes in Bangladesh	<b>Professor Dr Mohammad Moniruzzaman</b> Department of Animal Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh.
09:45 – 09:55 am		Developmental efficiency and molecular analysis of SCNT embryos reconstructed with fibroblasts derived from (non-) transgenic cloned buffaloes	<b>Dr. Chun-Yan Yang</b> Guangxi Key Laboratory of Buffalo Genetics, Reproduction and Breeding, Guangxi Buffalo Research Institute, Chinese Academy of Agricultural Sciences, Nanning 530001, China
09:55 – 10:05 am		Genetic parameters for growth traits in Thai swamp buffaloes	<b>Sarochita Sangjong</b> Tropical Animal Genetic Special Research Unit, Department of Animal Science, Faculty of Agriculture, Kasetsart University, Bangkok 10900, Thailand
10:05 – 10:15 am		Genome-wide polymorphism	<b>Dr. Meenakshi Chitkara</b> Animal Biotechnology Division, ICAR-National

		analysis of Murrah buffalo breeding bulls	Bureau of Animal Genetic Resources, Karnal-132 001, Haryana, India
10:15 – 10:25 am		Strategic crossbreeding to enhance milk yield for sustainable buffalo production in Bangladesh	<b>Dr. Md. Shahjahan</b> Lal Teer Livestock Development (BD) Limited, Uthura, Bhaluka, Mymensingh 2240, Bangladesh
<b>9.00 – 10.30 am</b>	<b>Poster presentation</b>		
<b>10:25 – 10:40 am</b>	<b>Tea Break</b>		
<b><i>Scientific Session: Buffalo feeding and nutrition</i></b>			
<b>Chair:</b> Prof Dr M A Akbar, Former Vice Chancellor, Bangladesh Agricultural University, Mymensingh, Bangladesh.			
<b>Co-Chair:</b>			
1.. Dr. Nasrin Sultana, Director (Research), Bangladesh Livestock Research Institute Savar, Bangladesh			
2. Dr Nathu Ram Sarker, Executive Director, Krishi Gobeshona Foundation, Dhaka, Bangladesh.			
10:40 – 10:55 am	Keynote paper	Alternatives to antimicrobials for ensuring gut health and augmenting performance in buffalo calves	<b>Dr. Sachin Kumar</b> Rumen Biotechnology Lab, Animal Nutrition Division, ICAR-National Dairy Research Institute, Karnal, Haryana-132001, India.
10:05 – 11:15 am	Oral presentation	A first methods for identification and characterization of lignin-degrading fungi discovered from water buffalo rumens	<b>Dr. Muhammad Zahid Farooq</b> Department of Animal Science, University of Veterinary and Animal Science (Jhang Campus) Lahore 54000, Pakistan
11:15 – 11:30 am		Protein-rich pellet starter enhance body weight gain in suckle buffalo calves	<b>Md. Ashadul Alam</b> Buffalo Research and Development Project, Bangladesh Livestock Research Institute, Savar, Dhaka 1341, Bangladesh.
<b>10.30-11.30 am</b>	<b>Poster presentation</b>		
<b><i>Scientific Session: Buffalo products processing technology</i></b>			

**Chair:** Treasurer, Asian University of Bangladesh, Dhaka and Former Dean, Faculty of Animal Husbandry, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh.

**Co-Chair:**

1. Prof Dr Md. Harun-ur-Rashid, Department of Dairy Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh.
2. Dr. A. B. M. Khaleduzzaman, Director Production, Department of Livestock Services of Bangladesh, Dhaka, Bangladesh

11:30 – 11:50 am	Keynote Paper	Water Buffalo Milk Use in Insular Southeast Asia: Cases from the Philippines and Indonesia	<b>Dr. Takashi Tsuji</b> International Research Centre for Intangible Cultural Heritage in the Asia-Pacific Region (IRCI), Osaka, 590-0802, Japan
11:50 – 12:00 pm	Oral presentation	Comparative study of yield and quality, color profile, and consumer acceptability of cheddar cheese made from Holstein Friesian and buffalo milk	<b>Tasrova Sultana</b> Department of Dairy Science, Bangladesh Agricultural University, Mymensingh-2202
12:00 – 12:10 pm		Effect of carrot in fortifying block type buffalo milk processed cheese	<b>Md. Al Emam</b> Department of Dairy Science, Bangladesh Agricultural University, Mymensingh-2202.
12:10 – 12:20 pm		Reorganization of a traditional buffalo processing practice by the “meat seller caste” in Nepal	<b>Dr. Kanako Nakagawa</b> Department of Sociology, Otemon Gakuin University, 2-1-15 Nishiai Ibaraki Osaka, 5678502 Japan.
12:20 – 12:30 pm		Buffalo milk processing and marketing in the coastal area of Bangladesh	<b>Shmsuddin Illius</b> Bureau-in-Charge of Chittagong, The daily Independent, Chittagong, Bangladesh
<b>11.30 -12.30 pm</b>	<b>Poster presentation</b>		
<b>12.40 – 14.00 pm</b>	<b>Lunch and praying</b>		

*Scientific Session: Buffalo genomics and biotechnology*



**Chair:** Prof Dr Takashi Amano, Tokyo University of Agriculture, Tokyo, Japan

**Co-Chair:**

1. Prof Dr Yi Zhang, Key Laboratory of Animal Genetics, Breeding and Reproduction of Ministry of Agriculture and Rural Affairs, College of Animal Science and Technology, China Agricultural University, Beijing 100193, China China
2. DR. Anonda Kumar Adhikary, Director AI, Department of Livestock Services of Bangladesh, Dhaka, Bangladesh

14:00 – 14:15 pm	Keynote paper	Omics for understanding reproductive performance of buffalo bulls under heat-stress	<b>Dr. Ranjit Singh Kataria</b> ICAR- National Bureau of Animal Genetic Resources, Karnal-132 001 (Haryana), India.
14:15 – 14:25 pm	Oral presentation	Complete genomic landscape reveals significant differentiation of phenotype and productivity in Asian water buffaloes ( <i>Bubalus bubalis</i> ) following recent and divergent selection	<b>Jingfang Si</b> Key Laboratory of Animal Genetics, Breeding and Reproduction of Ministry of Agriculture and Rural Affairs, College of Animal Science and Technology, China Agricultural University, Beijing 100193, China
14:25 – 14:35 pm		Detection of Polymorphisms in FASN, DGAT1, and PPARGC1A genes and their association with milk yield and composition traits in river buffalo of Bangladesh	<b>Prof. Mohammad Shamsul Alam Bhuiyan</b> Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh.
14:35 – 14:45 pm		Association between microsatellite markers, milk yield traits and milk composition in Murrah crossbreed buffalo	<b>Dr. Neena Amatya Gorkhali</b> National Animal Breeding and Genetics Research Centre, Nepal Agricultural Research Council, Nepal
14:45 – 14:55 pm		Melatonin supplementation improves the quality of inferior oocytes and somatic cloned embryonic	<b>Dr. Prem Singh Yadav</b> Animal Physiology and Reproduction Division, ICAR-Central Institute for Research on Buffaloes, Hisar-125001, Haryana, India.

		development by reducing oxidative stress	
14:55 – 15:05 pm		Effect of single-step commercial media on the production of zona-Free embryos (Cloned and Parthenogenetic) of buffaloes	<b>Dr. Priyanka Singh</b> Animal Biotechnology Division, ICAR-National Dairy Research Institute, Karnal, Haryana, India
<b>14.00- 15.15</b>	<b>Poster presentation</b>		
15.05 – 15.20 pm	<b>Tea Break</b>		
<b>Scientific Session: Buffalo health and adaptability</b>			
<b>Chair:</b> Professor Dr. Md. Abdul Awal, Dean, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh			
<b>Co-Chair:</b>			
1. Dr. Md. Boyjar Rahman, Director Admin, Department of Livestock Services of Bangladesh, Dhaka, Bangladesh			
2. DR. Begam Sumsunnahar Ahmed, Director Extension, Department of Livestock Services of Bangladesh, Dhaka, Bangladesh			
15:20 – 15:35 pm	Keynote paper	Optimizing buffalo health: Interplay with adaptability	<b>Dr Praveen Malik</b> , CEO, Agrinnovate India Limited New Delhi, India
	Oral presentation		
15:35 – 15:45 pm		Challenges of Buffalo health in Asia: Parasitic and microbial diseases, AMR zoonosis and food safety	<b>Md Hasanuzzaman Talukder</b> Department of Parasitology, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh
15:45 – 15:55 pm		Comparative bacteriome diversity and composition across buffalo milk chain in Bangladesh: Insights into mammary health and microbial contamination	<b>Dr. Shuvo Singha</b> Department of Medicine and Surgery, Chattogram Veterinary and Animal Sciences University, Chattogram, Bangladesh

15:55 – 16:05		Molecular characterization and therapeutic insights into multidrug-resistant <i>Staphylococcus aureus</i> strains isolated from bubaline reproductive tract	<b>Professor Muhammad Ijaz</b> Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore, Pakistan
16:05 – 16:15		Clinical evaluation of buffaloes affected with Pericarditis	<b>Dr. Shabnam Sidhu</b> College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, India
16:15 – 16:25		Genetic variability of <i>Toxocara vitulorum</i> in buffaloes of Bangladesh	<b>Dr. Hiranmoy Biswas</b> Department of Parasitology, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh
<b>15.15-16.30 pm</b>	<b>Poster presentation</b>		
<b>16.25- 16.30 pm</b>	<b>Tea Break</b>		
<b><i>Scientific Session: Buffalo management, ecology and sociology</i></b>			
<b>Chair:</b> Professor Dr. Md. Ruhul Amin, Dean, Faculty of Animal Husbandry, Bangladesh Agricultural University, Mymensingh, Bangladesh			
<b>Co-Chair:</b>			
1. Prof Dr Kazunobu Ikeya, National Museum of Ethnology, Osaka, Japan			
2 Mr. Abdul Awal Mintoo, Lal Teer Livestock Development (BD) Limited Anchor Tower (6th Floor), 108 Bir Uttom C.R. Dutta Road, Dhaka-1205, Bangladesh			
16:30 – 16:45 pm	Keynote paper	The diversity of Buffalo breeding and its formative factors in Asia	<b>Professor Dr. Kazunobu Ikeya</b> , National Museum of Ethnology, Osaka, Japan
16:45 – 17:00 pm	Oral presentation	Pastoralism in the management of indigenous dairy buffaloes of Bangladesh	<b>Prof. Md. Omar Faruque</b> Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh, Bangladesh

17:00 – 17:10 pm	New technologies and digitalization in buffalo farming	<b>Dr. Victoria Barile</b> Research Centre for Animal Production and Aquaculture Rome, Italy
17:10 – 17:20 pm	Farmers’ Access to livestock extension services in India: evidences from household Survey	<b>Dr. Aiswarya</b> Transfer of Technology Unit, ICAR-CIRB, Hisar, India
17:20 – 17:30 pm	Agro-pastoral animal husbandry of buffalo: from settled rearing to transhumance in case of Nepalese mountain villages.	<b>Dr. Kazuyuki Watanabe</b> Hannan University, Japan
17:30 – 17:40 pm	Buffalo production improvement attributes in reducing poverty at Bhola coastal area in Bangladesh	<b>Md. Murshed Hasan Mustafa</b> Department of Animal Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh.
17:40 – 17:50pm	Buffalo Family farming in Canada	<b>Mr. Henry John Koskamp,</b> Koskamp Family Farms Ltd. 4701 Line 29 Stratford, ON. N5A 6S4 Canada
<b>16.30-17.50 pm</b>	<b>Poster presentation</b>	

***Program of day 3: 27<sup>th</sup> October, 2024***

***Session for Country Report***

**Chair:**

Professor Antonio Borghese, Secretary General, International Buffalo Federation, Italy

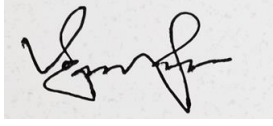
**Co-Chair:**

Professor Nasim Ahmed, Professor Emeritus, University of Veterinary and Animal Sciences, Lahore, Pakistan

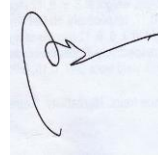
Dr. Tirtha Kumar Datta, Director. ICAR-Central Institute for Research on Buffaloes, Hisar, Haryana, India, India

<b>Time</b>	<b>Program</b>	<b>Resource person</b>
09:00 – 09:10 am	Buffaloes in Pakistan: Keystone of Agricultural Economy and Pathway to Sustainable Growth	<b>Professor Talat Naseer Pasha et al</b> Director General, Punjab Agriculture, Food and Drug authority, Lahore, Pakistan
09:10 – 09:20 am	Present status of buffalo in India and Future trends	<b>Dr. Ashok kumar et al</b> Principal Scientist, Animal Physiology Division, ICAR-CIRB, Hisar, Haryana, India
09:20 – 09:30 am	Present Status of Buffalo in Nepal and Future Prospects	<b>Dr. Neena Amatya Gorkhali et al</b> Director, National Animal Science Research Institute, Nepal Agricultural Research Council, Khumaltar, Lalitpur, Nepal
09:30 – 09:40 am	Present Status of Buffalo in Bangladesh and Future Prospects	<b>Prof. Dr. Md. Ruhul Amin et al</b> Professor, Department of Animal Science, Bangladesh Agricultural University, Mymensingh, Bangladesh
09:40 – 09:50 am	Present Status of Buffalo in Thailand and Future Prospects	<b>Professor Dr. Skorn Koonawootrittriron et al,</b> Department of Animal Science, Faculty of Agriculture, Kasetsart University, Bangkok 10900, Thailand
09:50 – 10:00 am	Present status of buffalo in China and future prospects	<b>Professor Chengjian Yang et al,</b> Guangxi Buffalo Research Institute, Nanning, 530001, China
10:00 – 10:10 am	The status, challenges, and development of buffalo production in Laos	<b>Dr. Vongpasith Chanthakhoun</b> Vice President of Souphanoouvong University, Laung Prabang Province, Laos
10:10 – 10:20 am	Current Status of Buffalo Production in Cambodia	<b>Mr. Youkheng Khy et al</b> <b>Deputy</b> Director of Animal Production, Department of Animal Health and

		Production, Phnom Penh, Cambodia
<b>10.20- 10.30 am</b>	<b>Tea Break</b>	
<p><i>Asian Buffalo Association Assembly (Only for members)</i></p> <p><b>Chair:</b> Professor Dr. Md. Omar Faruque, President, Asian Buffalo Association</p> <p><b>Co-Chair:</b>  Dr. Inderjeet Singh, Vice President, Asian Buffalo Association  Dr. Buminand Devkota, Immediate past president, Asian Buffalo Association</p> <p><b>Moderator</b>  Dr. Ashok Kumar, Secretary, Asian Buffalo Association</p>		
10.30-11.00 pm	Topics to be decided during congress Recommendation of the congress	Members only
<p><i>Prize distribution and closing ceremony</i></p> <p><b>Chair:</b> Professor Dr. Md. Omar Faruque, President, Asian Buffalo Association</p> <p><b>Chief guest:</b> Nilufa Akter, Additional Secretary, MoFL, Dhaka, Bangladesh</p> <p><b>Special guest:</b></p> <ol style="list-style-type: none"> <li>1. Dr. Farukul Islam, General Manager, BRAC Artificial Insemination Enterprise, BRAC Centre, 75 Mohakhali, Dhaka -1212, Bangladesh</li> <li>2. Mr. Zakir Hossain Mohin, Grameen Jano Unnayan Sangtha, Altajer Rahman Road, Charnoabad, Bhola</li> </ol> <p><b>Mediator:</b> Dr. Hiranmoy Biswas, Secretary, Organizing Committee</p>		
11.00 -11.30 pm	Prize distribution	
11.30- 12.30 pm	Speech of Special guests Speech of Chief guest Speech of special guests Votes of Thanks by Dr. Ashok Kumar, Secretary, Asian Buffalo Association Closing by Professor Dr. Md. Omar Faruque, President, Asian Buffalo Association	
12.30 – 14.00 pm	<b>Lunch and praying</b>	
14.00 – 17.00 pm	Visit of BLRI and DLS Establishments, Visit of national monument	



**Dr. Hironmoy Biswas**  
Secretary, Local Organizing Committee  
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