

**International Agri- horti show**  
(17-19 December, 2022)  
**Veterinary Playground, Khanapara, Assam, India**

**Day-1: 17<sup>th</sup> December, 2022 (Saturday)**

**Inaugural session: 10.00 to 12.00 pm** (minute to minute schedule will be circulated)

**Technical Sessions**

**Day-1: 17<sup>th</sup> December, 2022 (Saturday)**

**Technical session-1: Floriculture as an emerging economy for the State (2.00 pm to 4.00 pm)**

**Chair:** Dr Nalin Kumar Mohan, Member, Assam Agriculture Commission

**Moderator:** Shri Triranga B. Borah, Director, Horticulture & Food Processing, Assam

1. Floriculture scenario in NE Region (including Assam) & prospects for development: *Dr Madhumita C Talukdar, Retired Professor, AAU, Jorhat*
2. Recent technological advances in floriculture in Assam context: *Dr. Pradip Mahanta, Principal Scientist, Horticultural Research Station (HRS) Kahikuchi, Assam*
3. Market linkage and scope for export of ornamental horticulture produce: *Shri Dhruba Sarma, Proprietor, Daffodil Nursery, Kamrup, Assam*
4. Interaction: *All participants*

**Technical session-2: Self sufficiency in quality planting material including Hi-Tech horticulture (2.00 pm to 4.00 pm)**

**Chair:** Dr Sarat Saikia, Principal Scientist, HRS Kahikuchi

**Moderator:** Asif Bin Qutub, BDM cum Horti Coordinator, APART, ARIAS Soc.

1. Protocols and standards for quality planting material production in Horticulture crops including nursery accreditation: *Dr. Naveen Kumar Patle, Director, Central Institute of Horticulture, Medziphema, Nagaland*
2. Hi-Tech Horticulture – Vertical, hydroponics & precision farming: *Dr. C. Aswath, Principal Scientist & Head, Division of Flower and Medicinal Crops, ICAR-IIHR, Bengaluru, Karnataka*
3. Entrepreneurship development through Horticultural nurseries: *Mayank Chauhan, AKF Nursery, Durg, Chattisgarh(to be confirmed)*
4. Scope & Prospect of Potato Seed Production in Assam: *Dr. S. Mohanty, Asia Regional Director, International Potato Center (CIP), Asia Regional office, Bhubaneswar*

**Day-2: 18<sup>th</sup> December, 2022 (Sunday)**

**Technical session-3: Assam Millets Mission (AMM) (10.00 am to 12.00 pm)**

**Chair:** Dr. Ashok Kumar, Principal Scientist, ICRISAT, Hyderabad.

**Moderator:** Dr. P. K. Mahanta, Agri Adviser, APART, ARIAS Society

1. Inception of Assam Millet Mission & a way forward: Dr. Baljeet Singh, Market Analyst, APART, ARIAS Society, Assam
2. Technological readiness for promotion of Millet sector in Assam: *Dr SK Paul, Chief Scientist, Regional Agricultural Research Station(RARS), Gossaigaon, Kokrajhar, Assam*
3. Primary processing & value addition in millets: *Smt. Shubhangi Singh, Co-Founder, Ancient Golden Mill (AGM), Delhi.*
4. Culinary aspects& recipe development in millets: *Smt. Priyanka Duggala, Sr. Scientific Officer, ICRISAT, Hyderabad.*
5. Interaction: *All participants*

**Technical session-4: Horizontal Expansion in Horticulture (10.00 am to 12.00 pm)**

**Chair:** Dr. Pradip Mahanta, Principal Scientist, HRS, Kahikuchi, Assam

**Moderator:** Mr. Probin Kr Bharali, Cluster Devpt. Specialist, APART, ARIAS Society

1. Orchard Development in the fallow lands (including tea gardens, oil palm): *Dr. Rana Bhuyan, Professor, Tea Husbandry & Technology (THT), Assam Agricultural University (AAU), Jorhat*
2. Micro-irrigation for productivity enhancement in Horticultural Orchards: *Dr. Pankaj Baruah, Professor- Head, Deptt of Agricultural Engineering, AAU, Jorhat*
3. Crop diversification in Horticulture: *Dr Sailen Gogoi, Principal Scientist, Vegetable Science, AAU, Jorhat*
4. Interaction: *All participants*

**Technical session-5 (A): Agri-Horti Start up Ecosystem - Challenges & Opportunities (2.00 pm to 3.30 pm)**

**Moderator:** Mr. Nitin Singh, Financial Service Specialist, APART, ARIAS Society

(Tentative topics)

1. Farming as a service and digital extension in agriculture: *Mr. Jai Kumar, Founder, Farmitopia Pvt. Ltd.*
2. Traceability in agri value chains: *Himani Shah, Founder, Intello Labs.*
3. Innovative supply chain solutions: *Ms. Sandhya Naik, CEO, Koel Fresh Private Limited.*
4. Value addition opportunities for indigenous horticulture commodities: *Mrs. Khayiwon Shangh, Founder, M/S Ngayam Foods.*

**Technical Session 5 (B): Innovative Business Models to uplift Agri-Horti sector in Assam (3.30 pm to 5.00 pm)**

**Chair:** Mr. Shivanjan Dalmiya, Executive Board Member, Central Institute of Horticulture, Nagaland

1. Nutrition management and its importance: *Manoj Kumar, Natura Crop Care*
2. Storage and supply chain solutions for horticulture: *Akash Agarwal, New Leaf Dynamic Technologies Private Limited.*
3. Reducing post Harvest and quality assessment : *Dr. Srishti Batra, Qzense Labs*
4. Strengthening FPOs through Capacity Building & Marketing Linkages: *Prem Rathod, Founder & CEO, Kisan Saathi.*
5. Novel biotechnological solutions for Agri and horticulture crops: *Dr. Renuka Diwan Khandeka, Bioprime Agrisolutions Pvt Ltd.*
6. Digitization and it's importance for FPC: *Vivek Sehgal, Kalgudi Digital Pvt Ltd.*

**Technical session-6: Export of Agri-Horti Commodities (2.00 pm to 4.00 pm)**

**Chair:** Mr. Bidyut Barua, DGM, APEDA

**Moderator:** Mr. Gautam Goswami, Agri Business Specialist, APART, ARIAS Society

1. Status of Export of Agri-Horti Commodities in Assam: *Smt. Sunita Rai, Assistant General Manager (AGM), APEDA, Guwahati Office*
2. Infrastructure development & logistics Support to agri horti sector in Assam: *Mrs Emily Singh, Regional Manager, Central Warehousing Corporation (CWC), Guwahati*
3. Interaction with Exporters: Officials from APEDA & DGFT – 60 minutes

<b>APEDA</b>	<b>DGFT</b>	<b>Exporters</b>
Mrs Sunita Rai Shri Bidyut Barua Dr Archana Nath, BDM Dr Saju Adhikary, BDM	Shri Amit Sharma, Jt. DG	Shri Pawan Kohli Shri DS Kohli Shri Prahlad B. Baruah Smt Ekta Jajoo

**Day-3: 19<sup>th</sup> December 2022 (Monday)**

**Technical session-7: Seed sector in Assam (10.00 am to 12.00 pm)**

**Chair:** Dr. Ramani Thakuria, Principal Scientist, AAU, Khanapara

**Moderator:** Dr. Arunima Dev Choudhury, DoA, Assam

1. Seed Self Sufficiency in key crops
  - a. Self-sufficiency of quality seed (Mustard) in Assam: *Dr Ashok Sharma, Principal Scientist, ICAR- Directorate of Rapeseed and Mustard Research (DRMR), Bharatpur, Rajasthan(15 minutes)*
  - b. Self-sufficiency of quality seed (Paddy) in Assam: *Dr. Swati Nayak, Scientist and South Asia Lead- Seed Systems and Product Management, International Rice Research Institute (IRRI)(15 minutes)*

- c. Self-sufficiency of quality seed in Assam (other major crops): *Dr. Mrinal Saikia, Associate Director of Research, AAU, Jorhat(15 minutes)*
2. Involvement of FPO/FPC/Private players in quality seed production: *Dr. Rupam Buragohain, Principal Scientist, Directorate of Research, AAU, Jorhat (30 minutes)*
3. Roadmap for seed sector in Assam: *Dr RP Singh, Team Leader- Seed Vertical, APART, Assam (15 minutes)*
4. Interaction: All participants (30 minutes)

**Technical session-8: Capacity Building through organized approach: Organic & Natural Farming in Assam (10.00 am to 12.00 pm)**

**Chair:** Dr. Kalyan Pathak, Professor & Head, Deptt. of Agronomy, AAU, Jorhat

**Moderator:** Mr. Bakul Saikia, Sr. ADO, Directorate of Horticulture & Food Processing (DHFP), Assam

1. Strategy for Implementation of Natural Farming: *Dr. Dilip Patgiri, Professor & Head, Deptt. of Soil Science, AAU, Jorhat, Assam*
2. Capacity Building of farmers in natural and organic farming: *Dr. Manoj Kr. Chauhan, Principal Scientist, AAU, Jorhat, Assam*
1. Organic & Natural Farming Certification System: *Shri R. S. Harish Srivathsa, Assistant Director, National Centre for Organic and Natural Farming (NCONF), Imphal Centre (confirmation awaited)*
2. Interaction: All participants

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