

**August 2-7, 2024**

NASC Complex, New Delhi, India

### Tour 1 PUSA Panorama : A Journey through Agricultural Excellence

#### 12:00 PM to 12:30 PM : Arrival and Welcome

- Warm welcome and introduction by IARI representatives.
- Brief overview of the agenda and objectives for the visit.

#### 12:45 PM - 1:30 PM : Tour of Experimental Crop Fields

- Explore the experimental crop fields showcasing various crops including Basmati rice, scented rice varieties, maize, millets, pigeon pea, and moong.
- Interact with agricultural experts to learn about innovative cultivation techniques, sustainable farming practices, and ongoing research projects.



#### 2:00 PM- 2:45 PM : Visit to Amrit Sarovar

- Proceed to Amrit Sarovar, a water conservation and management facility.
- The pond has a water holding capacity of 50,000 cubic meters and can meet the water requirement of 300 acres of farmland with three irrigation.
- Learn about the importance of water conservation in agriculture and witness demonstrations of water-saving irrigation methods and technologies aimed at improving crop yield while conserving water resources.



#### 3:15 PM- 4:00 PM : Exploration of Protected Cultivation Facilities

- Explore the protected cultivation facilities, including greenhouses and playhouses.
- Discover how protected cultivation techniques extend the growing season, control environmental conditions, and enhance crop quality and yield.
- Engage in discussions with experts on best practices for protected cultivation and its potential for sustainable agriculture.



#### 4:30 PM- 5:15 PM : Insight into Wastewater Recycling

- Learn about wastewater recycling initiatives implemented at Pusa Campus for sustainable water management.
- Explore the wastewater treatment facilities and systems used to recycle and reuse water for irrigation and other agricultural purposes.



#### 5:30 PM- 6:15 PM : Visit to Phenomics Facility and Gene Bank

- Explore the phenomics facility at Nanaji Deshmukh Plant Phenomics Centre - The state-of-the-art plant phenomics facility at the Indian Agricultural Research Institute, New Delhi. This facility is the largest in India and one of the best facilities in terms of analytical capabilities among the public funded institutions in the world.
- The centre also comprises of "Climate Controlled Facility" with 8 different greenhouse chambers developed by the Institute.
- Explore the gene bank.



#### 6:30 PM- 7:00 PM : Departure and Conclusion

- Departure from Pusa Campus with newfound knowledge and inspiration for advancing agricultural innovation and sustainable practices.

<b>Tour 1</b>		Capacity to accommodate: <b>35 pax per bus</b> Number of Buses: <b>3 Nos.</b>	
Starting Place : <b>NASC Complex, Pusa Road</b> Starting hour: <b>12.30 PM</b> Arrival Time in <b>Bharat Mandapam: 7:00 PM</b> Duration of the visits: <b>4.00 hrs</b>		<b>Amenities</b> Drinking water / Lunch: Water bottles and packed lunch/snacks will be provided to all delegates during the tour. <b>Dinner Arrangements:</b> Following the tour, delegates will be escorted to an offsite dinner at Bharat Mandapam.	
<b>Contact Person details</b>		<b>purushottamji@gmail.com</b>	

**Please Note:** •Tour will only be commenced if it reaches the minimum requirement of 25 Pax per bus.