



CFI Research Grant Planning Workshop

16-18 June 2026
Jain Hills, Jalgaon



Dr. Gopal Krishna
16 June, 2026

1. Project Snapshot

- **Project title:** Innovative and Community-Based Approaches for Fruit Tree Cultivation to Enhance Nutrition and Livelihoods in Limited Land Households of Prayagraj, Uttar Pradesh
- **Institution:** e-PAHEL
- **Principal Investigator:** Dr. Gopal Krishna
Director, e-PAHEL
- **Project duration:** 2 Years
- **Budget:** ₹15,00,000/-
- **Project location(s):** Prayagraj, Uttar Pradesh



2. Fruit Species and Production Models



- **Key fruit species promoted:** Guava, Lemon, Mango, Papaya, Amla, Banana, Ber, Bael, Jamun, Karonda
(year-round fruit availability, nutritional value, local adaptability, and community preference)

- **Production systems to be demonstrated** (*ex. Homestead orchards, Community orchards, Agroforestry systems, WADI systems, Nutrition gardens, School gardens*)

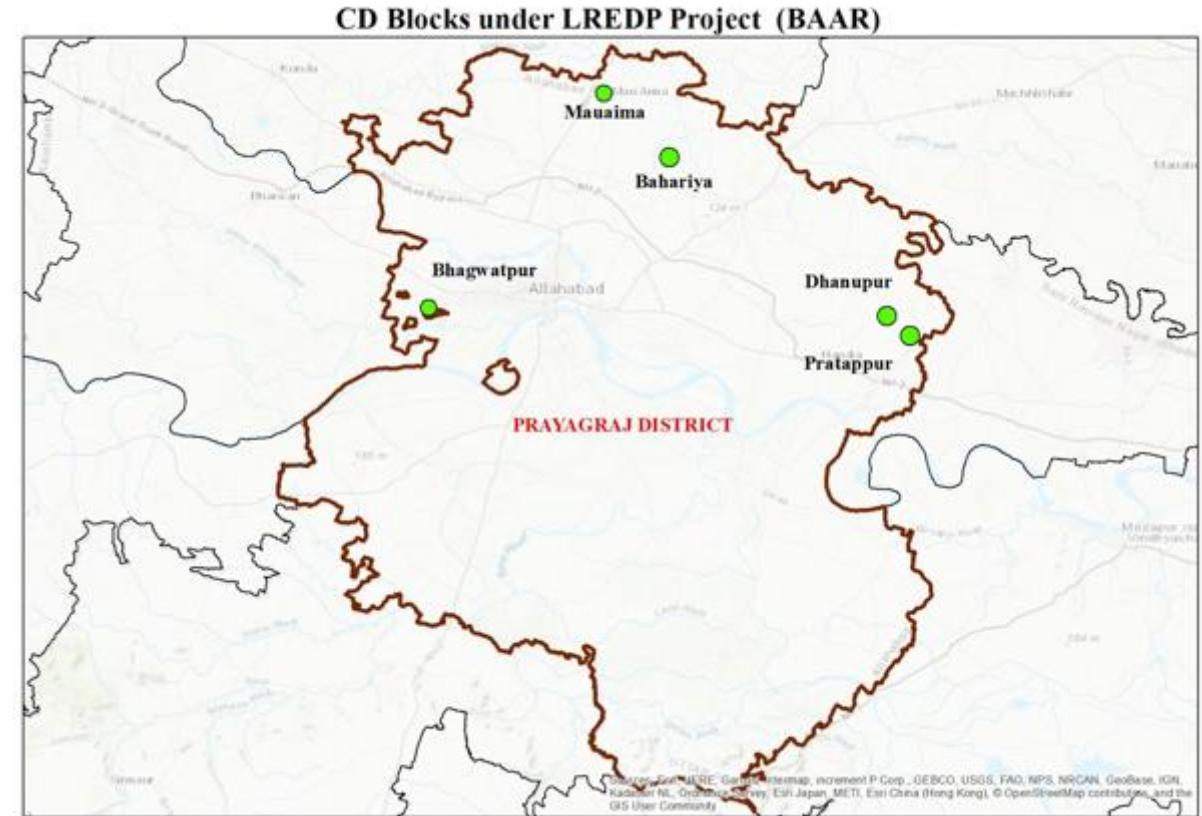
1. Homestead Fruit Plantation
5 – 6 fruit trees per household
Backyard, courtyard, boundary plantation
1,000 households
2. 50 Phal Vatika (Small Orchards)
20–50 trees per site
3. Nursery

3. Landscape, Problem Statement & Target Communities



Agroecological context:

1. Vindhyan Agro-climatic Zone (Middle Gangetic Plains)
2. 800-1000 mm annual rainfall
3. Alluvial and red soils
4. Small & marginal farmer dominated region
5. Rice-wheat farming system with vegetables



3. Landscape, Problem Statement & Target Communities



Key challenges being addressed:

1. Low fruit consumption and micronutrient deficiencies
2. Limited access to quality fruit saplings
3. Poor horticultural knowledge
4. Weak market linkages
5. Limited opportunities for value addition

Target beneficiaries : Women beneficiaries



4. Year-1 Implementation Plan



Milestones for Year 1

- **Homestead Fruit Plantation** : beneficiary selection will be completed, saplings will be distributed, plantations will be established, trainings will be conducted, and the monitoring system will be operational.
- **Nursery Development Activities:** Nursery infrastructure will be established, and sapling production will have been initiated."
- **Phal Vatika** : Sites will selected and developed.
- **Capacity Building Programme:** Training and awareness programmes will conducted for beneficiaries and community members.
- **Target Community Engagement:** Community mobilization, beneficiary orientation, and participation through SHGs/FPOs and PACS .
- **MOU with FPO** - Korapur Organic Products Producer Com Ltd, Padmanabha FPC and Allahabad FPC for plantation and its Protection and other activities under the project

5. Year-1 Targets and Deliverables



Key Performance Indicator	Target (Absolute number)
Villages covered	25
Households reached	1,000 + 50
Women beneficiaries	900 (SC Women 225)
Youth beneficiaries	100
Trees planted	5000 + Phal Vatika
Fruit species promoted	Guava, Lemon, Mango, Papaya, Amla, Banana, Ber, Bael, Jamun, Karonda
Trainings planned	25
Nurseries established	1

6. Collaboration Opportunities (Offer and Ask)



What we can offer	Support we need
Experience and learning of Phase - 1	Technical guidance
Community mobilization approaches	Quality planting materials
Strong community network (4 FPOs & 100+ SHGs)	Value addition
Training facilities	MEL support
	Market linkages
	Nutrition monitoring
	Documentation support

7. Baseline, MEL and Next Steps



Baseline : Landless and marginal farmers, households with limited front-yard and backyard space, SHG/FPO members, women-led households, and SC and other vulnerable groups. Water availability, willingness and commitment, selection through SHGs/FPOs and community meetings

Baseline Assessment Plan: Conduct household and site surveys to identify eligible beneficiaries and suitable plantation locations

Key Indicators: Number of households selected, number of plantation , survival rate of plants, and participation in trainings

Immediate Next Steps: Finalize beneficiary selection, complete baseline data collection, setup community nursery, and initiate plantation and capacity-building activities

Milestones for Year 1: 5000 plantations and 50 Phal Vatika will be established, setup nursery

7. Baseline, MEL and Next Steps



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कृपया अपनी सही जानकारी भरें ताकि भविष्य में आपसे संपर्क किया जा सके।

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* Indicates required question

आवेदक का पूरा नाम *

Your answer

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Your answer

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Your answer

विकास खंड *

Your answer

जिला *

Your answer

मोबाइल नंबर (व्हाट्सएप) *

Your answer



8. Budget Summary, Risk and Mitigation Strategy



Category	YEAR 1 ₹	YEAR 2 ₹	TOTAL
Personnel	100000.00	100000.00	200000.00
Planting material including Phal Vatika and field trials	630000.00	0.00	630000.00
Establishment of Nursery (Infrastructure)	100000.00	0.00	100000.00
Capacity building and awareness workshops	250000.00	50000.00	300000.00
Travel (only project related)	25000.00	25000.00	50000.00
Monitoring, documentation and publication	50000.00	150000.00	200000.00
Field days	20000.00	0.00	20000.00
Administration			
Total (INR)	1175000.00	325000.00	1500000.00

8. Budget summary, risk & mitigation strategy



Risk	Mitigation Strategy
Low plant survival rate	Provide quality saplings, regular monitoring, and technical guidance
Damage by small ruminant	Use bamboo guards
Water scarcity	Promote water-saving practices
Limited beneficiary participation	Continuous community engagement and awareness programmes
Pest and disease outbreaks	Regular inspection and timely plant protection measures
Extreme weather conditions	Select suitable species and adopt climate-resilient plantation practices
Land-use conflicts or ownership issues	Verify land tenure and obtain consent before plantation
Delays in implementation	Advance planning, regular follow-up

Thank you.

