

Concept Note for Designing a 'Mini Amenity Centre' at city park

1. Challenge Brief

The Department of Tourism in collaboration with the Kerala Startup Mission (KSUM) invites DPIIT-registered startups to conceptualize and design an innovative, sustainable, and visitor-friendly 'Mini Amenity Centre' at designated city parks areas across Kerala.

2. Key Functionalities of the Mini Amenity Centre:

1. Well-Designed Toilet Block – Hygienic, well-ventilated, and seamlessly integrated into the surroundings.
2. Drinking Water Stations – Purified and filtered water dispensers for visitor convenience.
3. Baby Care & Nursing Stations – Private, well-equipped spaces for baby-changing and nursing mothers.
4. Resting Zone – Shaded seating areas for relaxation.
5. First Aid & Emergency Assistance – Basic medical assistance facilities with an emergency helpline.
6. Digital Information Kiosk – Interactive displays providing historical insights on respective tourism destinations, nearby attractions, and event schedules.
7. Retail & Souvenir Counter – A dedicated space for local artisans to showcase and sell traditional crafts and souvenirs.
8. Sustainable Waste Management – Segregated waste disposal, including sanitary pad disposal and recycling provisions.
9. Security & Surveillance – CCTV monitoring, emergency alarms, and well-lit areas for visitor safety.
10. Eco-Friendly Design Features – Solar panels, rainwater harvesting, and green roofing for environmental sustainability.
11. Mini Café & Food Vending Machines – Self-service vending machines and a café area offering hygienic snacks, beverages, and traditional refreshments.
12. Display Boards for Advertisements – Strategically placed digital and static display boards for tourism-related promotions, local business advertisements, and public awareness campaigns.

***The above functionalities are indicative and not exhaustive—we encourage startups to bring in innovative ideas and design concepts that reflect your unique vision for creating an engaging, sustainable, and entrepreneur-friendly space.*

3. Minimum Design Requirements:

The Mini Amenity Centre should adhere to the following essential design principles to ensure feasibility, functionality, and sustainability:

1. Aesthetic & Functional Design: Harmonizing with the cultural and natural surroundings while maintaining practicality.
2. Accessibility for All Users: Inclusion of wheelchair-friendly ramps, Braille signage, and wide doorways.
3. Modular & Scalable: A standardized and portable model for easy replication across Kerala.
4. Hygiene and Maintenance: Use of easy-to-clean surfaces, proper ventilation, and touch-free fixtures.
5. Technology Integration: Sensor-based taps, odor control systems, and real-time maintenance alerts.
6. Sustainability Measures: Adoption of eco-friendly materials, water-saving fixtures, and renewable energy solutions.

4. Design Submission Requirements:

1. Conceptual Design: Sketches, 3D renderings, floor plans, and elevations.
2. Material Palette: Selection of durable, sustainable materials.
3. Cost Estimate: Rough construction and long-term maintenance estimates.
4. Technical Details: Specifications for solar panels, digital kiosks, and waste management systems.

5. Eligibility Criteria:

- Startups registered with DPIIT.