

# Impact Hackathon Series

## Work Near Home Inauguration – Kottarakkara

Hosted by - Mulearn CEK

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### 1. Introduction

As part of the inauguration of the **Work Near Home** initiative in Kottarakkara, a two-day hackathon series is proposed to foster local innovation, problem-solving, and youth participation. The hackathons are designed to address real-world challenges faced by governance bodies in Kerala, while also promoting emerging technologies such as Artificial Intelligence.

The event aims to bring together students, developers, designers, and innovators to collaboratively build practical, scalable, and locally relevant solutions.

### 2. Objectives

- To encourage problem-solving aligned with local governance and public service delivery
- To engage youth and professionals in technology-driven development initiatives
- To promote innovation under the Work Near Home vision
- To identify viable solutions that can be piloted by local bodies and state initiatives
- To strengthen the local innovation ecosystem in Kottarakkara

### 3. Event Overview

Item	Details
Event Type	Two One-Day Hackathons
Location	Kottarakkara
Dates	24 January 2025 and 25 January 2025
Participants	Students, professionals, startups
Team Size	3–4 members
Budget	INR 50,000 (inclusive of prize money)

## 4. Hackathon Themes

### Day 1 – Hackathon on Local Self Government Problem Statements

**Date:** 24 January 2025

This hackathon is designed around real and current challenges faced by Local Self Government institutions in Kerala, including Panchayats and Municipalities. The problem statements will be curated in consultation with stakeholders and will focus on improving governance efficiency, service delivery, planning, and citizen interaction at the local level.

Participants will be encouraged to analyze grassroots-level issues, understand administrative constraints, and design technology-enabled solutions that are practical, scalable, and aligned with existing governance frameworks. Emphasis will be placed on solutions that can be realistically adopted or piloted by Local Self Government bodies under the Work Near Home initiative.

### Day 2 – Hackathon on AI-Based Problem Statements

**Date:** 25 January 2025

The second hackathon will focus on Artificial Intelligence–driven problem statements inspired by initiatives under Kerala AI Mission. The objective is to explore how AI, data analytics, and automation can be leveraged to enhance public systems and decision-making processes in Kerala.

Participants will work on AI-centric use cases that demonstrate responsible, explainable, and impactful application of emerging technologies for public good. Solutions are expected to outline not only the technical approach but also data requirements, ethical considerations, and a clear roadmap for deployment in real-world scenarios.

## 5. Proposed Schedule

### Daily Schedule (Applicable to Both Days)

Time	Activity
09:00 – 09:30	Registration
09:30 – 10:00	Inaugural Session / Keynote
10:00 – 10:30	Problem Statement Briefing
10:30 – 13:00	Hackathon Sprint – Phase 1

13:00 – 14:00	Lunch
14:00 – 16:30	Hackathon Sprint – Phase 2
16:30 – 17:30	Final Presentations
17:30 – 18:00	Evaluation, Results, and Closing

## 6. Expected Deliverables

Each participating team is expected to submit:

- A functional prototype or solution concept
- A brief problem-solution mapping
- Technical or system architecture overview
- Feasibility and implementation plan

## 7. Evaluation Criteria

Criteria	Weightage
Problem Understanding	20%
Innovation and Creativity	25%
Feasibility and Scalability	25%
Technical Execution	20%
Presentation and Clarity	10%

## 8. Budget Structure (Total: INR 50,000)

### Prize Money – INR 20,000 (Each)

Each hackathon will have identical prize allocations.

- First Prize: INR 10,000
- Second Prize: INR 5,000
- Third Prize: INR 2,000
- Additional Swags :- Stickers, Tshirts etc.

## **Logistics and Operations – INR 10,000**

- Certificates and printing
- Stationery and miscellaneous expenses

## **9. Outcomes and Impact**

- Identification of locally relevant and AI-driven solutions
- Engagement of youth in governance and public problem-solving
- Creation of a talent pipeline for future innovation programs
- Strengthening Kottarakkara's position as a regional innovation hub
- Potential pilot projects under Work Near Home and state initiatives

## **10. Conclusion**

This two-day hackathon series is envisioned as a high-impact, cost-effective initiative that aligns innovation, governance, and employment under the Work Near Home framework. By leveraging local talent and addressing real-world challenges, the program aims to deliver tangible outcomes that benefit both governance bodies and the wider community.