**Title of the Project :** LocoFind: A GPS-Enabled Platform For Local Food, Culture, Safety, and Heritage Exploration

**Name of the Students :** R. Chandria, Aruna G

**Register Number(s) :** 211422104099, 211422104056

**Name of the Guide:** Mrs. Alima Beevi A, M.E.Assistant Professor

## ABSTRACT

Tourism in India is growing quickly, but tourists still struggle with issues like finding the right season to visit, safe transport, food options, and local language support. To solve these problems, we built Loco Find, a smart tourism AI system with multiple modules. The system has five machine learning modules: Season Predictor, Cuisine Recommender, Safety & Feedback Classifier, Transport & Weather Analyzer, and Regional Language Module. We used datasets from Indian government portals and tourism databases, and tested algorithms such as Logistic Regression, Random Forest, Gradient Boosting, and Decision Tree.

From our experiments, the modules gave high accuracies between 92% and 100%, and the overall system reached about 97.5% accuracy. The main new idea in LocoFind is that it combines all five ML modules into one platform to make travel safer, more inclusive, and culturally richer LocoFind provides real-time travel alerts for sudden weather or transport changes, recommends local festivals and events to enhance cultural experiences, supports accessibility features for differently-abled travelers, offers personalized travel itineraries based on user preferences, and enables feedback collection from users to continuously improve travel recommendations.