

# Attendance Portal Comparison Report

This report compares two different attendance portals available for teachers: (1) Manual Roll-Call Attendance Portal, and (2) NFC-Based Smart Attendance Portal.

## **Portal 1: Manual Roll-Call Attendance**

- Teacher calls roll numbers and ticks checkboxes for present students.
- **Pros:** Easy to use, no hardware required, works even without ID cards.
- **Cons:** Time-consuming, error-prone, allows proxy attendance.

## **Portal 2: NFC-Based Smart Attendance**

- Teacher starts attendance, students tap ID cards on NFC reader.
- Attendance is automatically recorded and exported to Excel.
- **Pros:** Fast, accurate, prevents proxy, direct Excel export.
- **Cons:** Requires NFC hardware and ID cards, setup cost.

## **Enhanced Portal 2: NFC with Edit Option**

- Teacher or Superadmin can manually edit attendance if a student misses tapping due to lost/forgotten ID card.
- **Benefits:** Maintains speed and accuracy, minimizes proxy chances, ensures flexibility for genuine cases.

## **Conclusion:**

Portal 2 with the edit feature is the most preferred option. It provides automation, accuracy, and flexibility, making it far superior to manual roll-call attendance, especially for large classes. Manual attendance (Portal 1) can still act as a backup in small-class or no-hardware scenarios.