Chief Examiner Allocation Plan

Step 1: Determine the Number of Days

- **Start Date:** 01.09.2024
- **End Date:** 03.09.2024
- **Total Number of Days:** 3

Step 2: Calculate the Daily Paper Allocation

- **Total Board Papers:** 5000
- **Number of Days:** 3
- **Number of Papers per Day:**

Number of Papers per Day=5000/3=1667(approx.)

- **Number of Chief Examiners (CEs) Required Per Day:**

CEs Required Per Day=1667/250=7(approx.)

Challenges

1. **Consistency of CEs:**
   - The same CEs may be assigned across all 3 days, or different CEs may be needed each day.
2. **Availability of CEs:**
   - Only CEs who are available on the specific correction day should be included in the allocation.

Solutions

Solution 1: Maximum CEs Allocation

- Identify the maximum number of CEs required per day.
- Dynamically adjust CE assignments as papers are being allocated.

Solution 2: Date-wise CE Allocation

- Allocate CEs to specific courses, dates, and paper counts.
- Faculty assigned to papers will automatically map to the respective CEs.

Sample Allocation Flow

1. **HOD Review:**
   - The Head of Department (HOD) checks the dashboard to view the total number of papers, the allotted days, and the required number of CEs per day.

2. **CE Allocation:**
   - The HOD allocates CEs to specific dates, courses, and paper counts.
   - Faculty are then mapped automatically to the corresponding CEs.

Sample Allocation Design

Date	Courses	Paper Count	Chief Examiners (CEs)
01.09.2024	22CS101, 22ME101, 22CD102	250, 250, 250	Faculty 1, Faculty 2, Faculty 3
02.09.2024	22CS101, 22ME101, 22CD102	250, 250, 250	Faculty 1, Faculty 4, Faculty 5
03.09.2024	22CS101, 22ME101, 22CD102	250, 250, 250	Faculty 6, Faculty 7, Faculty 8

- **Date:** The specific day of correction.
- **Courses:** The courses being assessed on that day.
- **Paper Count:** The number of papers allocated per course.
- **Chief Examiners (CEs):** The faculty members assigned to supervise the correction for each course.