

"Blueprint-governed assessment quality at scale — from 50 to 2,000+ courses"

THE PROBLEM

- **Creating equivalent papers manually is error-prone and unfair to students.** When multiple cohorts take different papers for the same course, ensuring identical CO/competency coverage, topic/sub-topic balance, difficulty spread, and cognitive-level balance across papers is combinatorially impractical without system enforcement.
- **No institutional mechanism to enforce assessment standards across departments.** Individual faculty set papers against varying interpretations of quality. Without a shared blueprint/template, consistency depends on individual diligence — not governance.
- **Process opacity leaves institutions audit-vulnerable.** Who authored each paper? Who reviewed it? Who approved it? Without time-stamped, role-based workflow records, accreditation auditors find gaps that the institution struggles to explain.
- **Question bank health is difficult to assess until it is too late.** Faculty build question banks over semesters, but it is difficult to assess whether there are enough high-cognitive-level questions, sufficient CO/competency and topic coverage, or adequate question-type variety until paper generation fails.

KEY RISKS

Without governance, assessment quality at scale is a matter of luck — not process. One weak paper in one program affects the institution's entire accreditation outcome.

Paper leaks and security failures during manual handling are preventable — but are far more manageable with secured digital workflows and role-based access control.

Accreditation auditors expect evidence of continuous assessment improvement. Manual processes struggle to produce organized, time-stamped proof.

HOW IT WORKS



KEY CAPABILITIES

- ✓ Guaranteed assessment parity — proprietary algorithms ensure equivalent papers have identical CO/competency, topic, difficulty, and cognitive-level distribution across cohorts
- ✓ Automated Question Bank health check — identifies gaps (missing cognitive levels, insufficient topic coverage) before the exam cycle begins
- ✓ Scale from 50 to 2,000+ courses — the same governance applies whether piloting in one department or institution-wide
- ✓ System-driven alerts and deadline tracking — eliminates manual follow-up chaos across reviewers and approvers
- ✓ Alignment visibility without subject expertise — CoE sees blueprint compliance across every course without needing to know the subject matter
- ✓ Connects to InPods Outcomes — AQMS papers automatically feed attainment data into CO→PO→PSO computation
- ✓ Optional AI add-on (InPods.ai) — generate tagged questions to fill Question Bank gaps identified by health check

PROOF POINT

"Across 2,000+ courses, we generate midterm and endterm papers every semester — up to five papers per course. AQMS has enforced blueprint compliance across all of this for over five years. AQMS papers automatically feed into our OBE system for outcomes analysis — an end-to-end, defensible assessment process."

— Controller of Examinations, Large Multi-School University

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