Assessment & Evaluation

Process for internal semester question paper setting and evaluation and effective process implementation

1. The computer department conducts two internal assessment tests Mid Term and End Term at 6th, 12th week of academic Calendarrespectively.
2. The Mid Term test covers 40% of the whole syllabus and End Term test covers remaining syllabus
3. The questions are mapped with course outcome of the respective course and Blooms Taxonomy Levels are alsoconsidered. University of Mumbai guidelines for question paper design followed.
4. The tests are conducted for a maximum of 20 marks.
5. Questions are set to ensure desired standards from outcome perspective as well as learning level perspective.
6. Average marks of both the internal tests are considered for final evaluation therefore both the tests are mandatory and important for students.
7. The duration of the test is one hour and question paper are set to make the students to learn time management.
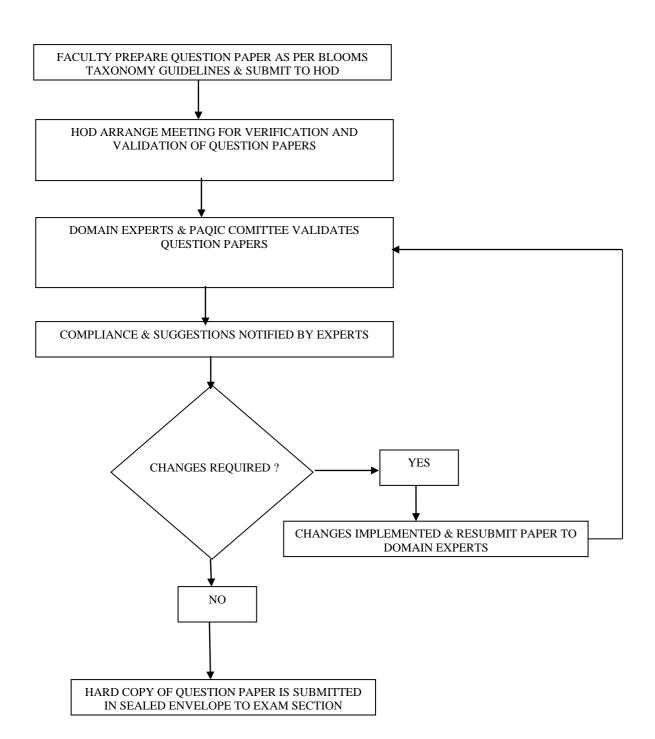
Evidences of COs coverage in class test / mid-term tests

1. Internal assessment question paper template is shared by the department term test coordinator with all faculty members.
2. The question paper template contains course outcome and Learning levels based on Bloom's taxonomyfor each question.
3. The question papers prepared are shared with the term test coordinator by respective subject teachers.
4. Term test coordinator assigns each question papers to a senior department faculty member, familiar with the subject for review.
5. The reviewer reviews the paper based on following criteria
- COs are correctly mapped as per questions.
- BT levels are correctly mapped as per questions.
- Compulsory questions can be mapped to same or different COs.
- Questions with options are mapped to same CO and BT level.
- Questions are unambiguous and correctly worded as per bloom's taxonomy.
- Maximum COs and BT levels are covered in the paper.
- 40% syllabus and remaining syllabus is covered for Internal term test I and II respectively
6. The review comments are shared with the subject teacher.
7. If the review comments are accepted, the subject teacher revises question paper and resubmits it to the term test coordinator.
8. If the comments are declined, proper justification is communicated to the reviewer.
9. Solution of the question paper verified by DQC and HOD and submitted to the termtest coordinator.

Process to ensure questions from outcomes/learning level perspective
Following Flow diagram shows the flow of question paper validation based on course outcome and attainment perspective.
Figure: Flow of process of question paper setting

FACULTY PREPARE QUESTION PAPER AS PER BLOOMS TAXONOMY GUIDELINES & SUBMIT TO HOD

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HOD ARRANGE MEETING FOR VERIFICATION AND VALIDATION OF QUESTION PAPERS

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DOMAIN EXPERTS & PAQIC COMITTEE VALIDATES QUESTION PAPERS

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COMPLIANCE & SUGGESTIONS NOTIFIED BY EXPERTS

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CHANGES REQUIRED ?

→ YES → CHANGES IMPLEMENTED & RESUBMIT PAPER TO DOMAIN EXPERTS

↓ NO

HARD COPY OF QUESTION PAPER IS SUBMITTED IN SEALED ENVELOPE TO EXAM SECTION

Evaluation

1. The faculty members after every internal assessment test prepare solution of question paper & explain the solution of the questions in the class which will enable them to perform well in the final and further all examination.
2. For any approved reasons by University of Mumbai, or any serious medical conditions with prior permission from HOD & Principal if a student was unable to perform internal assessment tests, revised test is given to him/her as per the university rules.
3. The average of the marks obtained from any two tests is chosen for the award of internal assessment marks.
4. If a candidate remains absent for all the tests conducted, the Internal assessment marks are marked as 'Absent' in the result.

Quality of Assignment and its relevance to Cos

1. Though the assignments are not mentioned in the curriculum for every course minimum 2 assignments are assigned as a value addition in Teaching Learning Process.
2. Each faculty sets assignment questions for his / her respective subject.
3. Assignment questions are prepared using Bloom's Taxonomy process and mapped to respective Cos
4. Assignment issue and submission dates are announced by the respective faculty members or on Google classrooms.

Evaluation

1. The faculty member gives assignments based on covered syllabus which will help them to solve the questions and enable them to perform well in the final examination.
2. The average of the marks obtained from two assignments is chosen for the internal assessment.
3. Follow rubrics to grade the assignments.
4. Assignments are used as a tool for practice and evaluation & are based purely for Term work evaluation process.

Impact analysis
Very good results observed in semester and End Semester examination.

Following are the various initiatives taken by the department to improve the results

1. Bridge lectures by identifying GAP and its analysis.
2. Extra lectures conducted for slow learners.
3. A remedial lecture conducted and is a regular practice for failures.
4. Conduction of orals to grade the practical.
5. Conduction of extra practice sessions, 1 week before oral, practical examination.
6. Updated technological awareness through professional bodies regular activities.
7. Value addition through certification courses, Finishing schools.
8. Extra lecture if required for any subject.

Impact analysis

1. Very good results observed in Semester examinations.
2. Improvement in overall performance of students which helps to improve placement and higher studies.

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│ FACULTY PREPARES INTERNAL ASSESSMENT QUESTION         │
│ PAPER SOLUTION & DISCUSS WITH STUDENTS                │
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┌─────────────────────────────────────────────────────┐
│ FACULTY ALSO PREPARE ASSIGNMENT QUESTIONS AS          │
│ PER BLOOMS TAXONOMY GUIDELINES                        │
└─────────────────────────────────────────────────────┘
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┌─────────────────────────────────────────────────────┐
│ MINIMUM 2 ASSIGNMENTS IS GIVEN TO ALL STUDENTS        │
│ WHICH ENSURES COVERAGE OF ALL CO's                    │
└─────────────────────────────────────────────────────┘
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┌─────────────────────────────────────────────────────┐
│ ADDITIONAL ASSIGNMENTS / UNIVERSITY QUESTIONS         │
│ PAPER SOLVING TASK IS GIVEN TO SLOW LEARNERS          │
└─────────────────────────────────────────────────────┘
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┌─────────────────────────────────────────────────────┐
│ AVERAGE MARKS OF 2 ASSIGNMENTS IS CHOSEN FOR          │
│ ASSSESSMENT OF TERMWORK.                              │
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┌─────────────────────────────────────────────────────┐
│ VERY GOOD RESULT OBSERVED IN SEMESTER                 │
│ EXAMINATION                                           │
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