YASHODA COLLEGE OF ARCHITECTURE

INTERNAL EXAM PREAMBLE

INDEX

YSPM's
Yashoda College of Architecture

Vision

- To empower the students with knowledge, Values, Skills, Innovative / Creative lateral thinking and meet the educational, social, global, environmental and economic needs of the region and nation to create Humane Society.

Mission

- To impart quality education & training to students for shaping their career with providing opportunities to students & faculty and continuous learning opportunities.
- To empower the students with recent knowledge, skills and right attitude in order to meet the challenges of future by guidance, seminars & lecture's as well as Environmental issues.
- To generate new knowledge and promote excellence in research and extension activities.
- To make efforts for the spread of technical education among classes and communities, which are socially and educationally underprivileged specifically for rural areas.

Program Outcomes

Architecture Graduate will be able to –

PO 1.Architectural knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3.Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specific needs with appropriate consideration for the public health and safety, and the cultural, social, and environmental considerations

PO4.Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5.Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6. Social responsibility of an architect: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10.Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes

PSO1. Professional Skills: Apply the knowledge of natural condition of site and environment, history and cultural context, building material, construction techniques and services, structural mechanics and building economics to design buildings rationally for user and environment friendly

PSO2. Collaborative Skills: Skill development for communication and collaborative works

PSO3. Problem-Solving Skills: Apply creative ideas, principles, theory rationally. Apply appropriate methods, media, modern technology to resolve architectural and multidisciplinary researches

COMPOSITION OF EXAM COMMITTEE

Sr.No.	Name of Staff	Designation / In capacity of	Status in Committee
1	Ar. Talekar S.S.	Principal, YCA	Chairman
2	Ar. Jadhav A.V.	Teacher Representative	Member
3	Mrs. Chorage S.D.	Non-teaching Representative	Member
4	Mr. Medhekar S.T.	Non-Teaching Representative	Member
5	Ar. Shedge S.S.	HOD, YCA	Member Secretary

Introduction

The mid-term and remedial exams are essential components of the academic evaluation process, designed to assess students' understanding of the course material and ensure their academic progress. To maintain the integrity, fairness, and efficiency of these exams, the following rules, regulations, and procedures have been established. These guidelines cover all aspects of the exam process, including preparation, supervision, confidentiality, and result processing.

Mid-Term Exams

Purpose

Mid-term exams evaluate students' comprehension of the material covered in the end of first half of the semester, providing critical feedback on their progress and guiding necessary instructional adjustments.

Rules and Regulations

Uniforms and ID Cards:

Compulsory: All students must wear their prescribed uniforms and display their college ID cards during the exam. Failure to comply will result in disqualification.

Exam Scope:

The exam will cover topics discussed up to the exam date, as outlined in the course syllabus. Specific chapters or units will be communicated in advance.

Time Management:

Students must manage their time effectively during the exam. The structure of the exam will allow sufficient time for each section based on the complexity of the questions as prescribed by the Shivaji University.

Question Paper Mapping:

Every question in the exam must be mapped to specific course objectives, ensuring that the assessment aligns with the intended learning outcomes.

Faculty members are required to submit the question paper along with the mapping at least one week before the exam.

Supervision Rules:

Appointment Orders: Faculty members assigned as invigilators will receive official appointment orders at least one week before the exam. These invigilators are responsible for maintaining the integrity and order of the exam.

Swapping of Supervision: Invigilators may be required to swap supervision duties with another faculty member if deemed necessary by the Exam Controller. This ensures impartiality and prevents potential conflicts of interest.

Conduct During Exams: Invigilators must strictly enforce exam rules, including the prohibition of electronic devices, and report any irregularities immediately.

Opening the Hall: The exam hall must be opened by the supervisor **20 minutes before** the exam start time. Proper checking of students' uniforms, ID cards, and belongings is mandatory before they are allowed to enter.

Writing Exam Information: The supervisor must clearly write the exam details (course name, duration, and any specific instructions) on the board before the exam begins.

Dispersal of Answer Sheets: Supervisors must ensure that the answer sheets are distributed **10 minutes before** the start of the exam, allowing students ample time to settle in and prepare.

No Cell Phones: Students and Invigilators are not allowed to carry cell phones or any other electronic devices into the exam hall. Any violation of this rule will result in immediate disqualification.

Confidentiality:

Question Paper Formation: The preparation of question papers must be conducted in strict confidentiality. Faculty members are responsible for ensuring that the content is not disclosed to unauthorized individuals.

Handling Exam Materials: All exam materials, including question papers and answer scripts, must be handled securely and kept confidential at all times. Unauthorized access or disclosure will result in disciplinary action.

Paper Checking and Result Publishing:

Paper Checking: Faculty members must complete the paper checking **within one week** of the exam date. Accurate and fair grading is essential.

Result Publishing: Exam results will be published promptly after the checking process, ensuring that students receive timely feedback on their performance.

Showing of Evaluated Answer Sheets: Faculty members are required to show the evaluated answer sheets to students during regular classes, providing an opportunity for feedback and clarification.

Roles and Responsibilities

Exam Controller:

- **Coordination**: The Exam Controller is responsible for overseeing the entire exam process, including the preparation, scheduling, and execution of exams.
- **Supervision Assignments**: The Exam Controller assigns supervision duties to faculty members and ensures that all supervisors receive their appointment orders on time.
- **Conflict Resolution**: The Exam Controller handles any issues or disputes that arise during the exam, ensuring a smooth and fair examination process.

Supervisor:

- **Exam Hall Management:** The supervisor is responsible for managing the exam hall, including opening it 20 minutes before the exam and ensuring proper checking of students.

- **Maintaining Order:** The supervisor must maintain a quiet and orderly environment during the exam, ensuring that all students follow the rules and regulations.
- **Reporting Irregularities:** Any suspicious behavior or rule violations must be reported to the Exam Controller immediately.

Remedial Exams

Purpose

Remedial exams are conducted for students who did not achieve the required passing grade in the mid-term or final exams, offering them an opportunity to improve their understanding and performance.

Rules and Regulations: *Will be same as per above for the mid-term exams*

Roles and Responsibilities: *Will be same as per above for the mid-term exams*

General Directions

Preparation:

Students should thoroughly review all course materials and practice with any sample questions provided by instructors.

Punctuality:

Arrive at the exam venue at least 15 minutes before the start of the exam. Late arrivals may be denied entry.

Conduct:

Maintain a quiet and respectful environment during the exam. Disruptive behavior will not be tolerated and may result in removal from the exam hall.

Changes / Revisions:

Changes in the general directions will be as per Shivaji University announcements from time to time.

Question paper mapping

Introduction

In order to ensure that the evaluation process is aligned with the intended learning outcomes, it is essential to map the course objectives to the questions in the question paper. This ensures that the assessment is comprehensive, focused, and effectively measures the students' understanding and application of the course content.

Rules and Regulations

Alignment with Course Objectives:

- Every question in the question paper should be clearly mapped to one or more course objectives.
- Ensure that the weightage of each question reflects the importance and complexity of the corresponding course objective.

Coverage of Course Content:

- The question paper should be designed to cover all the major topics outlined in the course syllabus.
- Avoid over-representation of any single topic unless it is a core part of the course objectives.

Balanced Difficulty Levels:

- Questions should be categorized into different difficulty levels: easy, moderate, and challenging.
- Distribute questions across these levels to assess students' basic understanding, analytical skills, and problem-solving abilities.

Variety of Question Types:

- Use a mix of question types (e.g., multiple-choice, short answer, long answer, case studies) to assess various skills and competencies.
- Ensure that each question type is appropriately mapped to the course objectives it aims to assess.

Clarity and Precision:

- Questions should be clear, concise, and unambiguous to avoid misinterpretation.
- Ensure that the questions are directly related to the course objectives and do not include extraneous information.

Time Management:

- The total time allocated for the question paper should be proportionate to the complexity and number of questions.
- Ensure that students have sufficient time to complete all questions without unnecessary time pressure.

Review and Validation:

- Before finalizing the question paper, conduct a thorough review to ensure that all questions are appropriately mapped to the course objectives.
- Seek feedback from colleagues or subject matter experts to validate the alignment and appropriateness of the questions.

Directions for Question Paper Mapping

Identify Course Objectives:

- List the course objectives at the beginning of the question paper or as a separate document.
- Number the course objectives for easy reference.

Question Mapping:

- For each question, indicate the corresponding course objective(s) it is designed to assess.
- Provide a brief justification if necessary, explaining how the question aligns with the course objective.

Weightage Allocation:

- Assign weightage to each question based on its relevance to the course objective and the overall learning outcomes.
- Ensure that the total weightage corresponds to the percentage of marks allocated for each course objective.

Mapping Table:

- Include a mapping table at the end of the question paper that summarizes the relationship between the course objectives and the questions.
- The table should include columns for question numbers, course objectives, and weightage.

Sample Example

Course: Vernacular Architecture

Course Objectives:

1. **CO1**: Understand the basic principles and elements of vernacular architecture.
2. **CO2**: Analyze the influence of culture, climate, and materials on vernacular design.
3. **CO3**: Compare and contrast vernacular architecture from different regions.
4. **CO4**: Apply vernacular principles in contemporary architectural design.

Question Paper Mapping

Question 1: Explain the key elements of vernacular architecture with examples. *(10 marks)*

- **Mapped Course Objective**: CO1
- **Weightage**: 10%

Question 2: Discuss how climate influences the design of vernacular architecture in tropical regions. *(15 marks)*

- **Mapped Course Objective**: CO2
- **Weightage**: 15%

Question 3: Compare the vernacular architecture of Rajasthan with that of Kerala, focusing on materials and construction techniques. *(20 marks)*

- **Mapped Course Objective**: CO3
- **Weightage**: 20%

Question 4: Propose a contemporary residential design that incorporates vernacular principles. Justify your design choices. *(25 marks)*

- **Mapped Course Objective**: CO4
- **Weightage**: 25%

Mapping Table

Question Number	Course Objective	Weightage
1	CO1	10%
2	CO2	15%
3	CO3	20%
4	CO4	25%

This process ensures that the question paper is effectively aligned with the course objectives, providing a fair and comprehensive assessment of students' knowledge and skills.