

Architectural Design and Detailing-III : RUBRIC FOR MARKING (Portfolio Submission)

CO1 : Demonstrate the design potential and benefits of Timber as a material for construction and structural systems.

Data collection of campus design with special reference to timber usage as a material in campus constructions

KSA		Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
		A + 2.5	A 2	B 1.5	C 1	D 0.5	E 0
C2	Comprehension	Outstanding ability to demonstrate very clear and excellent understanding on data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study	Ability to demonstrate very clear and excellent understanding on data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study	Ability to demonstrate clear and very good understanding on data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study	Ability to demonstrate good understanding on data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study	Ability to demonstrate basic understanding on data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study	Lacks understanding in data collection of campus design and usage of timber for construction systems considering: > Context > Spatial Activities (indoor and outdoor) > Anthropometric study
		P1	Outstanding ability to perceive with very clear and excellent observation of data gathered and analyse it	Ability to perceive with very clear and excellent observation of data gathered and analyse it	Ability to perceive with clear and very good observation of data gathered and analyse it	Ability to perceive with good observation of data gathered and analyse it	Ability to perceive basic observation of data gathered and analyse it
A1	Receive	Ability to receive various aspects of data collection completely with excellent awareness and clarity..	Ability to receive various aspects of data collection completely with excellent awareness and clarity..	Ability to receive various aspects of data collection with very good awareness and clarity..	Ability to receive various aspects of data collection with good awareness and clarity..	Ability to receive various aspects of data collection with reasonable awareness and clarity..	Lacks awareness and clarity to receive various aspects of data collection.

CO2 : Literature Studies, Comparative case studies and analysis

Case study analysis through site study, design concepts, zoning, Drawing (floor plans, elevations), furniture and anthropometry studies, details in specific areas of specific projects selected

KSA		Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
		A + 2.5	A 2	B 1.5	C 1	D 0.5	E 0
C3	Application	Outstanding ability to apply the domain and able to formulate in structured way	Ability to apply the domain and able to formulate in structured way	Ability to apply the domain and able to formulate in less structured way but still clear	Ability to apply the domain and able to formulate in non structured way and could be better.	Ability to have basic understanding in the the domain and formulate the process.	Lack of understanding in the the domain and formulate the process.
		P3	Demonstrating very clear and excellent guided responses and practicing the skills of domain.	Demonstrating very clear and excellent guided responses and practicing the skills of domain.	Demonstrating clear and very good guided responses and practicing the skills of domain.	Demonstrating good guided responses and practicing the skills of domain.	Demonstrating basic guided responses and practicing the skills of domain.
A2	Respond	Outstanding response and contribution to the domain, with clear communication.	Excellent response and contribution to the domain, with clear communication.	Very good response and contribution to the domain, with very good communication.	Good response and contribution to the domain, with good communication.	Basic response and contributing to the domain, which needs improvement in communication of study.	Less response and contributing to the domain, which needs improvement in communication of study.

CO3 : Formulate design program through analysis of data & relevant case studies) (C6, P6, A3) - 5 MARKS

Data collection of campus design principles, byelaws, circulation, spatial activities and Anthropometric details and curriculum planning

KSA		Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
		A+ 5	A 4	B 3	C 2	D 1	E 0
C5	Synthesis	Outstanding ability to appraise data gathered and case studies into simple solutions in a very clear and structured way.	Ability to appraise data gathered and case studies into simple solutions in a very clear and structured way.	Ability to appraise data gathered and case studies into simple solutions in a very good but less structured way.	Ability to appraise data gathered and case studies into simple solutions in a good, but less structured way.	Ability to appraise data gathered and case studies into simple solutions in basic way.	Unable to formulate data gathered and case studies into simple solutions
		P6	Outstanding ability to adapt from available information aiding to design formulation.	Excellent ability to adapt from available information aiding to design formulation.	Very good ability to adapt from available information aiding to design formulation.	Good ability to adapt from available information aiding to design formulation.	Basic ability to adapt from available information aiding to design formulation.
A3	Valuing	Showing excellent involvement and commitment towards the task .Ability to organize the values in a structured way that it makes it easily interpretable.	Showing excellent involvement and commitment towards the task .Ability to organize the values in a structured way that it makes it easily interpretable.	Showing very good involvement and commitment towards the task .Ability to organize the values in a structured way that it makes it easily interpretable.	Showing good involvement and commitment towards the task .Ability to organize the values in a less structured way, although interpretable.	Showing less involvement and commitment towards the task .Ability to organize the values in a structured way can be improved.	Showing very less involvement and commitment towards the task .Ability to organize the values in a structured way can be improved.

CO4 : Evaluate form and structure through explorations in geometry and understanding of site conditions and applicable rules, norms and regulations (C5,P6,A3) - 5 MARKS

Collection of site details (Site Analysis)

KSA		Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
		A+ 5	A 4	B 3	C 2	D 1	E 0
C5	Synthesis	a. Does all of the following: >Accurately interprets site features and identifies salient arguments (reasons/causes), pro and con. >Thoughtfully analyzes & evaluates aspects from user point point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates various ideas on multiple criteria and selects a concept that is clearly explained. c. Proposes Masterplan by considering all of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site	a. Does all or almost all of the following: >Accurately interprets site features and identifies salient arguments (reasons/causes), pro and con. >Thoughtfully analyzes & evaluates aspects from user point point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates various ideas on multiple criteria and selects a concept that is somewhat explained. c. Proposes Masterplan by considering all or almost all of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site	a. Does most or many of the following: >Accurately interprets site features and identifies relevant arguments (reasons/causes), pro and con. >Offers analyses & evaluation of users point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates various ideas on multiple criteria and selects a concept that is somewhat explained. c. Proposes Masterplan by considering most of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site	a. Does most or many of the following: >Misinterprets evidenced site features and unable to identify strong relevant arguments (reasons/causes). >Ignores or superficially analyses users point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates various ideas on single criterion and selects a concept that is vaguely explained. c. Proposes Masterplan by considering some of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site	a. Does all or almost all of the following: >Offers biased interpretation of evidenced site features and unable to identify or dismisses strong relevant arguments (reasons/causes). >Ignores or superficially analyses users point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates few ideas on single criterion and selects a concept that is vaguely explained. c. Proposes Masterplan by considering few of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site	a. Does all or almost all of the following: >Exhibits close-mindedness or hostility to reasoning & critical thinking. >Offers biased interpretation of site features and unable to identify or dismisses any relevant arguments (reasons/causes). >Ignores users point of view. >Lists or Explains relationships/ ordering for the above. b. Evaluates few ideas on single criterion and selects a concept that is not explained. c. Proposes Masterplan by considering very few/none of these: > Design brief > Area Programming > Building Bye-laws > Site Planning Principles > Climatic aspects pertaining to building design. > Design of built and unbuilt spaces > Zoning / Massing on site > Building Plan & Footprint > Circulation on site
		P6	Is able to: > Use right scale / Proportion, with site / context. > Use appropriate representation techniques. > Show consistent quality of work.	Is able to: > Use right scale / Proportion, with site / context. > Use appropriate representation techniques. > Show consistent quality of work.	Is able to: > Use right scale / Proportion. > Use some representation techniques. > Show fair quality of work.	Is able to: > Use some scale / Proportion. > Use some representation techniques. > Show inconsistent quality of work.	Is able to: > Use No scale / Proportion. > Use of improper representation techniques. > Show poor quality of work.
A3	Valuing	>Uses multiple criteria to explain focus/thrust area in design. >Uses structured way of organization. >Uses appropriate principles with justification.	>Uses multiple criteria to explain focus/thrust area in design. >Uses structured way of organization. >Uses appropriate principles with justification.	>Uses multiple criteria to explain focus/thrust area in design. >Uses structured way of organization. >Uses appropriate principles but lacks justification.	>Uses multiple criteria to explain focus/thrust area in design. >Uses structured way of organization.	>Uses multiple criteria to explain focus/thrust area in design. >Uses loosely structured way of organization.	>Uses single criterion to explain focus/thrust area.

CO5:Elaborate detailed scheme through effective graphical and verbal communication skills (C6,P7,A4): 5 Marks

KSA		Outstanding	Excellent	Very Good	Good	Satisfactory	Emergent
		A+ 5	A 4	B 3	C 2	D 1	E 0
C6	Evaluation	Proposes Floor plans, Elevations and sections, views etc. by considering all of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model	Proposes Floor plans, Elevations and sections, Detailing & views etc. by considering all or almost all of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model	Proposes Floor plans, Elevations and sections, details & views etc. by considering most of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model	Proposes Floor plans, Elevations and sections, detailing, views etc. by considering some of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model	Proposes Floor plans, Elevations and sections, detailing, views etc. by considering few of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model	Proposes Floor plans, Elevations and sections, detailing & views by considering very few or none of these: >Proper layout/arrangement of spaces >Proper areas of all required spaces >Furniture Layout > Door Window openings > Circulation > Elevations and sections to explain the design > Detailing, Views and Model
		P7	Is able to: > Use right scale / Proportion, with site / context. > Use appropriate representation techniques. > Show consistent quality of work.	Is able to: > Use right scale / Proportion, with site / context. > Use appropriate representation techniques. > Show consistent quality of work.	Is able to: > Use right scale / Proportion. > Use some representation techniques. > Show fair quality of work.	Is able to: > Use some scale / Proportion. > Use some representation techniques. > Show inconsistent quality of work.	Is able to: > Use No scale / Proportion. > Use of improper representation techniques. > Show poor quality of work.
A4	Organizing values	Commits to guide design towards many focus areas (ex. Sustainable design and many other)	Commits to guide design towards some focus areas (ex. Sustainable design or any other)	Commits to guide design towards some relevant focus areas	Commits to guide design towards some relevant focus areas	Commits to guide design towards some focus areas in a partial way	Express personal views to guide design towards focus areas (sustainable design etc.) but doesn't commits.