

APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE
Department of Masters (M-arch) In General Architecture
ADVANCED ARCHITECTURAL DESIGN STUDIO –III (MAGS305)
Semester –03 Academic year 2022- 2023

Course Information

MAGS306

ADVANCED ARCHITECTURAL DESIGN STUDIO – III

CATEGORY	SUBJECT	TEACHING SCHEME			EXAMINATION SCHEME (MARKS)				CREDITS
		LECTURE	STUDIO	TOTAL	PAPER	SESSL.	VIVA	TOTAL	
STU	Advanced Architectural Design Studio-III	2	10	12	0	150	150	300	7

OBJECTIVES

- Acquire a comprehensive base of knowledge required for the practice of architecture. Develop awareness in physical context about implications of limited sources in design decision making.

Design Project of a large magnitude in one of the categories or a similar development typology below:

- Traffic & Transportation Planning.**
- Government addressed buildings (Framed under BOT, Project Feasibility, viability & Legalities)**

To engage in architectural design in the context of the city. The studio will focus on architecture as being shaped by and shaping the urban context & urban mass. The process of architectural design would be seen along with the aspects such as nature of cities, urban morphology, history, traditions, place, Housing density, society, public realm, Infrastructure , Transport , economy, conservation , climate , ecology, legislation, finance. The design projects would become the site for taking positions on specific issues and developing these ideas to completion.

An in-depth research and analysis of activities below to evaluate the progress of work:

- Need / Demand of the project considering physical conditions.
- Special focused on government addressing building and its physibility to serve the economical demands.
- Special design considerations taking understandings of peoples perspective.

- d) Development control legislations specially for government operative public buildings.
- e) Strategies for the transport / Infrastructure development.
- f) Case studies to substantiate the design philosophy
- g) Impact of the development on adjacent public amenities.
- h) Evolving Design Brief for the Project
- i) Transit & Transportation background of the context.
- j) Preparation of Project Feasibility Proposal & Financial action plans.
- k) Study Public Issues & Project Prependance.
- l) Architectural Design project.

OUTCOME

- An ability to plan infrastructural buildings in positive additions to the city.
- Preservation & documentation of culture and history of respective region.

Teaching Scheme & Marking Evaluation

Course	Subject	TEACHING SCHEME						EXAMINATION SCHEME (marks)									
		THEORY			STUDIO			Paper	Min.	Hours	Sessional	Min.	Viva	Minimum.	Total	Total Credits	
CREDISTS	No. of Lectures	Hours	CREDISTS	No. of Studios.	Hours												
Semester III																	
MAGT301	Finance & Real estate Management	3	3	3	-	-	-	100	45	3	50	25	-	-	150	03	
MAGT302	Architecture Legalities & Practice.	3	3	3	-	-	-	100	45	3	50	25	-	-	150	03	
MAGT303	Advanced Services in High Rise Buildings	3	3	3	-	-	-	100	45	3	50	25	-	-	150	03	
MAGE304	Elective – III Traffic & Transportation Planning	3	3	3	-	-	-	-	-	-	150	75	-	-	150	03	
MAGS305	M-arch Dissertation Stage- I	2	2	6	2	4	4	-	-	-	50	25	100	45	150	04	
MAGS306	Advanced Architectural Design Studio- III	2	2	2	5	10	10	-	-	-	150	75	150	68	300	07	
MAGTR307	Practical Training	-	-	-	-	-	-	-	-	-	50	25	-	-	50	01	
		16	16	20	7	14	14	300			550	250		1100	24		

Criteria Based Assessment and Grading of Students Performance

Grade :

Grades	Interpretation
A	Clear attainment of all course objectives, showing complete and comprehensive understanding of the course content, with development or relevant skills and intellectual initiative to an extremely high level.
B	Substantial attainment of most course objectives, showing a high level of understanding of the course content, with development of relevant analytical and interpretive skills to a high level.
C	Sound attainment of some major course objectives, with understanding of most of the basic course content and development of relevant skills to a satisfactory level.
D	Some attainment of a range of course objectives, showing a basic understanding of course content with development of relevant skills

Grades	A	B	C	D	E
Major objectives achieved	ALL	ALL	MOST	SOME	FEW OR NONE
Minor objectives achieved	ALL	MOST	SOME	SOME	FEW OR NONE

Proposed Criteria Based Assessment in Architecture for Design Subject Specific (Over all)

- 1) Critical Explanation 2) Logical Development 3) Proposal & Recommendations 4) Oral & Graphic Presentation

Name of The Student	Sr.No	Assignment / Task	Time Frame	Criteria Based Assessment and Grading of Students Performance					
				Fail	Poor	Average	Good	Excellent	Grade
	A)	Graphical Presentation (Review over Literature)							
Ar. Varsharani Jamadar	01	Case Study (Marmagaon Port , Vasco , Goa)	28/11/2022 29/11/2022	E					E
	02	Case Study Presentation (Literature / Demographic Data)	02/12/2020		D				D
	03	Site Analysis /Area break up / Area foot prints / Zoning / Operational flow / Organisation structure etc. Discussion over Pre Design Scheme / Individual Strategies / Concept	07/12/2022		D				D
	b)	Logical Development (Initial stage of Design)							
	04	Single line all footprints (floor) Schematic Sections & Elevation. Submission of final presentation sheets of site analysis.	07/12/2022 09/12/2022 14/12/2022 16/12/2022	E					E
	05	Assessment of double line floor foot prints along with final sections & final elevations	21/12/2022 23/12/2022		D				D
	c)	Critical Explanation (At Major Design Level)							
	06	Assessment of final double line floor foot prints along with all progressive heads.	07/12/2022				B		B
	07	Progressive assessment continue for above heads. 3D Simulations / Views	26/12/2022 27/12/2022			C			C
	d)	Proposal & Recommendations (Final Design Output)							
08	Pre final submission of all declared heads.(final portfolio and report)	28/12/2022					A	A	
09	Final submission of all declared heads.(final portfolio and report)	31/12/2022				B		B	
e)	Final Grade			E2	D3	C	2B	A	

Note : Performance grade of the Student track under Poor and Good need to be mentor or accelerate on last phase of Design conclusion & Presentaion.

Name of The Student	Sr.No	Assignment / Task	Time Frame	Criteria Based Assessment and Grading of Students Performance					
				Fail	Poor	Average	Good	Excellent	Grade
	A)	Graphical Presentation (Review over Literature)							
Ar.Sunny Mehter	01	Case Study (Marmagaon Port , Vasco , Goa)	28/11/2022 29/11/2022					A	A
	02	Case Study Presentation (Literature / Demographic Data)	02/12/2020					A	A
	03	Site Analysis /Area break up / Area foot prints / Zoning / Operational flow / Organisation structure etc. Discussion over Pre Design Scheme / Individual Strategies / Concept	07/12/2022					A	A
	b)	Logical Development (Initial stage of Design)							
	04	Single line all footprints (floor) Schematic Sections & Elevation. Submission of final presentation sheets of site analysis.	07/12/2022 09/12/2022 14/12/2022 16/12/2022				B		B
	05	Assessment of double line floor foot prints along with final sections & final elevations	21/12/2022 23/12/2022				B		B
	c)	Critical Explanation (At Major Design Level)							
	06	Assessment of final double line floor foot prints along with all progressive heads.	07/12/2022				B		B
	07	Progressive assessment continue for above heads. 3D Simulations / Views	26/12/2022 27/12/2022			C			C
	d)	Proposal & Recommendations (Final Design Output)							
	08	Pre final submission of all declared heads.(final portfolio and report)	28/12/2022					A	A
09	Final submission of all declared heads.(final portfolio and report)	31/12/2022				B		B	
	e)	Final Grade		E0	D0	C0	B4	A4	

Note : Performance grade of the Student track under Good and Excellent need not be more accelerate. Student is performing up to his level of confidence

Course : Advanced **Architectural Design** –III Assessment Sheet based on criteria based performance evaluation

Ar.Sunny Mehtar	Fail Inadequate	Poor Developing	Average Adequate	Good Accomplished	Excellent Mastery	Obtained Grade Stage wise
	Marking Grade - E	Marking Grade - D	Marking Grade - C	Marking Grade - B	Marking Grade - A	
Design Solution	Assessment Remarks					
<p>40 %</p> <p>Originate successful design to fundamental architectural problems by integrating concepts, formal/visual principles and techniques.</p>	Does not attempt or is unable to complete design solutions.	Unsuccessful design solution due to lack of creative use of concept, limited exploration of technique and/or application of principles. Little effort to challenge creative boundaries resulting in obvious or poorly developed solution.	Fundamentally sound design solution with moderately creative use of concept, fundamentally appropriate technique, and adequate application of principles. Solution shows some effort to challenge creative boundaries with limited or uneven success.	Interesting design solution showing consistently creative development of concept, original development of technique and original application of principles. Solution shows ongoing creative inquiry and exploration of design potential with largely effective results.	Compelling design solution showing highly original creative development of concept, innovative application of techniques and exemplary use of principles . Solution shows rigorous creative inquiry and investigation throughout design process with highly successful results.	3A
Formal & Spatial Principles	Assessment Remarks					
<p>20 %</p> <p>Demonstrate fundamental understanding and application of architectural formal + spatial principles as they relate to human experience.</p>	Does not attempt or is unable to complete design solutions.	Limited understanding of experiential quality of architectural form and space resulting in largely unsuccessful architectural solutions. Significant problems with scale, materiality, sequence, circulation, enclosure or visual	Basic functional understanding of experiential quality of architectural form and space resulting in fundamentally sound architectural solutions. Moderate problems with scale, materiality, sequence, circulation, enclosure and or	Clear understanding of experiential quality of architectural form and space resulting in successful architectural solutions. Minor problems with scale, materiality, sequence, circulation, enclosure and or	Advanced understanding of experiential quality of architectural form and space resulting in exemplary architectural solutions. Effective use of scale, materiality, sequence, circulation, enclosure and visual perception.	2B

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Design Process	Assessment Remarks					
<p>20 %</p> <p>Demonstrate a rigorous design process through critical iterative production</p>	<p>Does not attempt or is unable to complete critical iterative production.</p>	<p>Inconsistent levels of critical iterative production resulting in a flawed and uneven design development process. Regularly fails to meet daily progress, attendance and participation requirements. Does not document or respond to critical input from class presentations in design iterations.</p>	<p>Consistent levels of critical iterative production resulting in a basic design development process. Regularly meets daily progress, attendance and participation requirements. Usually shows evidence of critical response through basic level of continued research, sketchbook documentation and iterative design development.</p>	<p>High levels of critical iterative production resulting in a mostly successful, thorough design development process. Consistently meets all daily progress, attendance and participation requirements. Consistently shows evidence of critical response through regular research, sketchbook documentation and iterative design development.</p>	<p>Excellent levels of critical iterative production resulting in a highly successful, comprehensive design development process. Reliably fulfils and exceeds all daily progress, attendance and participation requirements. Unfailingly shows evidence of self-disciplined critical response through sustained, relevant research, rigorous sketchbook use and exemplary iterative</p>	<p>1B/1C</p>
Communication	Assessment Remarks					
<p>20 %</p> <p>Communicate design solutions effectively using architectural presentation materials and techniques.</p>	<p>Does not attempt, or is unable to complete design solutions.</p>	<p>Significant problems with presentation materials and/or techniques resulting in unsuccessful level of design communication. Major errors, omissions, consistency or quality problems in drawings, process and models. Poor verbal communication inhibiting discussion beyond rudimentary level.</p>	<p>Basic competence in presentation materials and techniques resulting in an acceptable level of design communication of general completeness. Presentation materials showing basic elements of design organized and comprehensible. No major errors, omissions, consistency or quality problems in drawings, process or models. Verbal communication understandable</p>	<p>Advanced achievement in presentation materials resulting in successful design communication of systematic consistency. Presentation materials comprehensive, detailed and well organized with minimal minor errors and requiring no further explanation. Verbal communication well planned and executed and effective resulting in further discussion</p>	<p>Exemplary presentation in materials and verbal presentation resulting in highly effective design communication of clarity, detail and precision. Presentation materials at portfolio quality suitable for transfer. No errors or omissions. Verbal communication highly effective resulting in advanced discussion of design solution.</p>	<p>1A/1B</p>
<p>100 % Work Completed stage wise</p>						



