SARDAR PATEL UNIVERSITY

VALLABH VIDYANAGAR-388121

DETAILED SYLLABUS FOR 5-YEAR BARHELOR OF ARCHITECTURE PROGRAM

Effective from Academic Year: 2017-18

	B.Arch-I: SEMESTER	RI
AR 2101 DE	ESIGN STUDIO - I (L=0, S=07, W=	0) CREDITS = 05
INTERNAL AS	SSESSMENT(T.W./PERIODIC REVIEW) = 50	CONTACT HRS/WK = 07
UNIVERSITY F	EXAMINATION (JURY/TIME PROBLEM/VIVA) = 50	
Focus :	Anthropometrics and Shelter.	
Contents:	Anthropometrics: Human dimensions and proportion	ons;
	Basic Shelter: Understanding of shelter as a resulta	
	technology: exercises to provide exposure to various	ous types of shelter.
	Analysis of various types	
Projects:	Site visits to expose students to diversity of shelter	& spaces. Exercises for analysis of various
	types/categories of space.	
	Single-function small space design, with empha	
	design exercises must be done, relating to human	scale and spatial requirements for different
	activities and functions)	
Skills:	Sketching and model making for 3D visua	lization may be stressed. Single line
	orthographic drawings of designed spaces ma	y be attempted for final project, using
	models to facilitate visualization.	
AR 2102 AR	RCHITECTURAL GRAPHIC TECHNIQUES (AGT-I)	(L=0,S=7,W=0) CREDITS = 05
INTERNAL AS	SSESSMENT(T.W./PERIODIC REVIEW) = 50	CONTACT HRS/WK = 07
UNIVERSITY F	EXAMINATION (THEORY) = 50	
Focus :	Develop graphical and drawing skills as tools for vis	ualization and representation of design.
Contents:	Familiarization with drawing materials and equipmer	nt
	Architectural lettering	
	Line intensity and precision in plans, sections, elevati	ons etc
	Principles of Plane and Solid Geometry,	
	Understanding of scales.	
	Understanding of scales. Sections and Surface Development- Paper Models an	
	Understanding of scales. Sections and Surface Development- Paper Models an Isometric and Axonometric view	d Drawings
	Understanding of scales. Sections and Surface Development- Paper Models an	d Drawings
	Understanding of scales. Sections and Surface Development- Paper Models an Isometric and Axonometric view Making basic drawings: Plan, elevation and section or	d Drawings
	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the Sasic Design & Workshop-I (L=1, S=3, N)	f a building W=3) CREDITS = 05
INTERNAL AS	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of SASIC DESIGN & WORKSHOP-I (L=1, S=3, Notes that the section of SESSMENT(TERMWORK/EXERCISES) = 50	d Drawings f a building
INTERNAL AS UNIVERSITY E	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of SASIC DESIGN & WORKSHOP-I (L=1, S=3, NOTE OF SESSMENT(TERMWORK/EXERCISES) = 50 EXAMINATION (CRIT/TIME PROBLEM/VIVA) = 50	f a building W=3) CREDITS = 05
INTERNAL AS UNIVERSITY E Focus :	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the sect	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07
INTERNAL AS UNIVERSITY E	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the sect	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07
INTERNAL AS UNIVERSITY E Focus :	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the sect	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07 rious media.
INTERNAL AS UNIVERSITY E Focus :	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the secti	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07 rious media.
INTERNAL AS UNIVERSITY E Focus :	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of SASIC DESIGN & WORKSHOP-I (L=1, S=3, V) SESSMENT(TERMWORK/EXERCISES) = 50 EXAMINATION (CRIT/TIME PROBLEM/VIVA) = 50 Fundamentals of visual perception Drawing and sketching exercises in various media Analysis of visual impressions and representing in various understanding elements of visual perception - line, for Relationship of forms and form space.	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07 crious media. corm, space, colour, texture, pattern etc.
INTERNAL AS UNIVERSITY E Focus :	Understanding of scales. Sections and Surface Development- Paper Models and Isometric and Axonometric view Making basic drawings: Plan, elevation and section of the secti	d Drawings f a building W=3) CREDITS = 05 CONTACT HRS/WK = 07 . rious media. orm, space, colour, texture, pattern etc. and tactile qualities to the representative

	viewing angles. (Materials like paper sheets, clay, thermocol, wood, Plaster of Paris, stone, plast	tics
Mothod	etc.). Skills to be developed through a series of studio exercises with model making in the worksh	200
Method:	classes	юр
	Classes	
AR 2104 BU	JILDING TECHNOLOGY and MATERIALS - I (L=2,S=3, W=0) CREDITS = (04
	SESSMENT(TERM WORK /EXERCISE) = 50 CONTACT HRS/WK = 0	
	EXAMINATION = 50))
Focus :	Understanding basic building elements, Introduction of basic building materials, construction	ion
rocus .	process	.1011
Contents:	Introduction to various Building components - Structural & Non-Structural;	
	Bond – Types;	
	Masonry – Mud, Bricks, Stone ; Pointing	
	Foundations – Types.	
	Materials - Bricks, stone, Mud, Timber, Lime, Cement , Stone, different types of timber th	neir
	seasoning quality, etc.; their physical and behavioural properties, methods of application, crite	eria
	for selection of materials based on design	
Method:	Lectures on basic construction of building; Class exercises, and case studies.	
	Study of various components of existing building through sketches & models, Site visits	
	Lectures on building materials & their use in building	
	 Visit to manufacturing site e.g. brick kiln, saw mills 	
	- Exercises, assignments, drawings	
	- Case studies and documentation.	
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	STORY OF ART & CULTURE (L=2, S=0, W=0) CREDITS =	
INTERNAL AS	SESSMENT(TERM WORK /ASSIGNMENTS)=50 CONTACT HRS/WK= 0	
INTERNAL ASS UNIVERSITY E	SESSMENT(TERM WORK /ASSIGNMENTS)=50 CONTACT HRS/WK= (EXAMINATION (THEORY) = 50	02
INTERNAL AS	SESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Study of Man and his culture to form- derivation for design – physical manifestation	02
INTERNAL AS: UNIVERSITY E Focus :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world.	02 in
INTERNAL ASS UNIVERSITY E	SESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark culture.	02 in
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INTERNAL AS: UNIVERSITY E Focus :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark culturely landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agents.	in ural
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INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the aga Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) CREDITS =0	in ural ges.
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN: INTERNAL AS:	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the aga Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) CREDITS =0	in ural ges.
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INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agrachitecture and its relationship with other cultural realms, Architecture and society. Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) CREDITS = CONTACT HRS/WK=	in ural ges.
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus : Contents:	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultu landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the ag Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) SESSMENT(TERM WORK /ASSIGNMENTS/EXERCISES)=100 CONTACT HRS/WK= 6 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzic audience and locale; Organizing content	in ural ges.
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agrachitecture and its relationship with other cultural realms, Architecture and society. Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups. GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) CREDITS = CRE	in ural ges.
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus : Contents:	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the aganthitecture and its relationship with other cultural realms, Architecture and society. Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups. GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) CREDITS = CONTACT HRS/WK=0 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzical audience and locale; Organizing content A series of small practical exercises and demonstration.	in ural ges.
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus : Contents: Method :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agraching may be lecture-based, along with other cultural realms, Architecture and society. Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups. GLISH AND COMMUNICATION SKILLS (L=1, S=0, W=2) SESSMENT(TERM WORK /ASSIGNMENTS/EXERCISES)=100 CONTACT HRS/WK=6 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzical audience and locale; Organizing content A series of small practical exercises and demonstration. CCTIVES-I (L=0, S=0, W=4) CREDITS =02	in ural ges.
INTERNAL AS: UNIVERSITY E Focus: Contents: Method: AR 2106 EN: INTERNAL AS: Focus: Contents: Method: AE 2107 ELE INTERNAL AS:	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agan Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS GESSMENT(TERM WORK /ASSIGNMENTS/EXERCISES)=100 CONTACT HRS/WK= 6 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzical audience and locale; Organizing content A series of small practical exercises and demonstration. CTIVES-I (L=0, S=0, W=4) CREDITS =02 CONTACT HRS/WK=	in ural ges. r of 02 03
INTERNAL AS: UNIVERSITY E Focus : Contents : Method : AR 2106 EN INTERNAL AS: Focus : Contents: Method :	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agan Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS GESSMENT(TERM WORK /ASSIGNMENTS/EXERCISES)=100 CONTACT HRS/WK= 6 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzical audience and locale; Organizing content A series of small practical exercises and demonstration. CETIVES-I (L=0, S=0, W=4) CREDITS =02 SESSMENT(TERM WORK /ASSIGNMENTS/PORTFOLIO OF EXERCISES)=100 CONTACT HRS/WK= To help students in exploring their aptitudes and in developing skills in any related field I	in ural ges. r of 02 03
INTERNAL AS: UNIVERSITY E Focus: Contents: Method: AR 2106 EN: INTERNAL AS: Focus: Contents: Method: AE 2107 ELE INTERNAL AS:	SESSMENT(TERM WORK /ASSIGNMENTS)=50 Study of Man and his culture to form- derivation for design – physical manifestation the contemporary world. Study of ancient world through its history, art, religion, philosophy, etc. to earmark cultural landmarks responsible for shaping human surroundings. Study of medieval and modern times to understand the cultural development through the agan Architecture and its relationship with other cultural realms, Architecture and society Teaching may be lecture-based, along with documentaries/films, readings etc., with a number assignments/exercise to encourage self-learning as individuals or in groups GLISH AND COMMUNICATION SKILLS GESSMENT(TERM WORK /ASSIGNMENTS/EXERCISES)=100 CONTACT HRS/WK= 6 Basics of Communication: Definition and process of Communication Kinesics; Paralinguistic; Phonemics; Presentation Strategies: Defining the purpose, How to make an effective presentation; Analyzical audience and locale; Organizing content A series of small practical exercises and demonstration. CTIVES-I (L=0, S=0, W=4) CREDITS =02 CONTACT HRS/WK=	in ural ges. r of 02 03

	Students may register for any o	ne of the offered courses for t	ha samastar
	Courses that may be offered from		ne semester.
	AE 2108/1 - Painting	on time to time .	
	AE 2108/2 - Photography		
	AE 2108/3 - Pottery & Ceramic		
	AE 2108/4 - Sculpture		
	AE 2108/5 - Digital Architectura	al Procentation	
	_	ii Presentation	
	AE 2108/6 - Performing Arts AE 2108/7 - Calligraphy		
	,		
	AE 2108/8 - Graphic Design AE 2108/9 - Textile		
	1		
Method :	AE 2108/10-Print Making	n	
wethou:	Portfolio and Project Submissio	п.	
CEN 450 T ED			
SEMESTER			
	ELATED STUDY PROGRAMME		CREDITS = 02
	SSESSMENT (TERM WORK) =100		
Focus		visual perception; develop free	e hand drawing skills using different
	techniques, tools and media.		
Content			natural and manmade objects and
		n through tools like pencils, ch	alk, charcoal, ink , oil paints, water
	colours, etc.		
	DESIGN STUDIO - II	(L=0,S=7,W=0)	CREDITS =05
	SSESSMENT (TERM WORK)	=50	CONTACT HRS/WK =07
IINIVFRCITV	EXAMINATION (CRIT/TIME PROB	LEM/ VIVA) =50	
		-	
Focus :	Human Scale, Space/Form and	the design process.	
	Human Scale, Space/Form and Human Scale: Concept of Scale	the design process.	
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var	the design process.	
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space	the design process.	istics. ngs) and exploring the principles of
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space: combination.	the design process. Results Among the Proportions of the Proportions of the Proportions of the Proportions of the Proportion of the Pro	ngs) and exploring the principles of
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space of combination. Types of Spaces: Activity space	the design process.	ngs) and exploring the principles of
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space of combination. Types of Spaces: Activity space Movement & Linkages: Kinds a	I the design process. 2 & Proportions. ious forms and their character making (Enclosure and openie e, Circulation spaces, Waiting sand spatial values.	ngs) and exploring the principles of spaces
Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space: combination. Types of Spaces: Activity spac Movement & Linkages: Kinds a Quality of Space: Effects of lig	I the design process. 2 & Proportions. ious forms and their character making (Enclosure and openia e, Circulation spaces, Waiting s and spatial values. ght, colour, material, texture, v	ngs) and exploring the principles of spaces iews.
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Focus : Contents :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space is combination. Types of Spaces: Activity space Movement & Linkages: Kinds a Quality of Space: Effects of lig Design Process: Requirement interrelationships, programming	I the design process. & Proportions. ious forms and their character making (Enclosure and opening) e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, voluments is/needs of project, site-anal ing & ordering mechanisms, ab	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts.
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Focus : Contents :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space of combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of light Design Process: Requirement interrelationships, programming Small projects of low complexis Models; application of skills less	the design process. & Proportions. ious forms and their character making (Enclosure and opening e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, v ts/needs of project, site-anal ng & ordering mechanisms, abut ty with focus on above aspects earnt in AGT course such as sci	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts.
Focus : Contents :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space is combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of lig Design Process: Requirement interrelationships, programming	the design process. & Proportions. ious forms and their character making (Enclosure and opening e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, v ts/needs of project, site-anal ng & ordering mechanisms, abut ty with focus on above aspects earnt in AGT course such as sci	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts.
Focus : Contents : Projects : Skills :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space of combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of light Design Process: Requirement interrelationships, programming Small projects of low complexis Models; application of skills less	the design process. & Proportions. ious forms and their character making (Enclosure and opening) e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, voluments, and ang & ordering mechanisms, about the second species of project, site-analy ity with focus on above aspects earnt in AGT course such as sci- architectural drawings	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts. s. ography/ perspective,
Focus : Contents : Projects : Skills :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space of combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of light Design Process: Requirement interrelationships, programming Small projects of low complexis Models; application of skills less	the design process. & Proportions. ious forms and their character making (Enclosure and opening) e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, voluments, and ang & ordering mechanisms, about the second species of project, site-analy ity with focus on above aspects earnt in AGT course such as sci- architectural drawings	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts.
Focus : Contents : Projects : Skills :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space is combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of lig Design Process: Requirement interrelationships, programming Small projects of low complexis Models; application of skills les basic rendering techniques in	the design process. & Proportions. ious forms and their character making (Enclosure and opening) e, Circulation spaces, Waiting so and spatial values. ght, colour, material, texture, voluments, and ang & ordering mechanisms, about the second species of project, site-analy ity with focus on above aspects earnt in AGT course such as sci- architectural drawings	ngs) and exploring the principles of spaces iews. ysis, Activity and other areas and stract concepts. s. ography/ perspective,
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Focus : Contents : Projects : Skills : AR 2202 A INTERNAL A UNIVERSITY Focus :	Human Scale, Space/Form and Human Scale: Concept of Scale Form: Elements of Form, var Space: Elements of space is combination. Types of Spaces: Activity space Movement & Linkages: Kinds at Quality of Space: Effects of lig Design Process: Requirement interrelationships, programming Small projects of low complexi Models; application of skills let basic rendering techniques in ARCHITECTURAL GRAPHIC TECHNI SSESSMENT(EXERCISES) EXAMINATION = To develop skills for technical Intree dimensional representat Isometric, axonometric and p Three dimensional representat Sciography of simple & complexions	the design process. & Proportions. ious forms and their characterimaking (Enclosure and opening) e, Circulation spaces, Waiting stand spatial values. ght, colour, material, texture, values of project, site-analing & ordering mechanisms, about with focus on above aspects earnt in AGT course such as scientification of architectural drawings QUES (AGT-II) (L=0, Section of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of simple & complex form the serspective (One-point, two-point of spaces: Sective forms, shadows on horizont of spaces: Sective (One-point, two-point)	iews. ysis, Activity and other areas and stract concepts. cography/ perspective, CREDITS = 04 CONTACT HRS/WK = 06 designs Projects. s and architectural objects int, three- point). cional perspectives, axonometric. tal, vertical, and inclined planes and

	Management Dynamics Everyings
	Measured Drawing Exercises
	Basic representational techniques and rendering in various media.
	Application of skills learnt, to drawings of studio projects
Method:	A series of exercises to be completed in studio/classroom.
AR 2203	BASIC DESIGN & WORKSHOP-II (L=0,S=4, W=3) CREDITS =05
	ASSESSMENT(TERM WORK /EXERCISES) = 50 CONTACT HRS/WK = 07
	EXAMINATION = 50
Focus :	Design principles - natural and manmade objects.
Content :	Observing and analysing design of natural objects and manmade objects including geometry pattern, texture, colour composition, solid-void relationships etc.
	Structure and Composition of shapes and forms.
	Effects of colour and texture in modification of composition & its perception.
	Workshop on colour and composition
Method	Series of exercises in studio and ARtual making of objects, and presentation
Wicthou	drawings in workshop.
	and things in the morning.
AR 2204 B	UILDING TECHNOLOGY AND MATERIALS-II (L=2,S=3,W=0) CREDITS =04
INTERNAL A	ASSESSMENT(TERM WORK /EXERCISES) = 50 CONTACT HRS/WK = 05
UNIVERSITY	EXAMINATION = 50
Focus :	Advanced materials used in construction of Buildings
Content:	Metal - Ferrous and Non – ferrous - Iron, Steel, Market forms of Steel, Aluminium, Copper,
	Brick masonry (continued) – Acute / obtuse angled joints, cavity wall construction.
	Arches – types and their construction.
	Simple wooden joinery
Method:	Lectures on materials and construction of building elements, conventional practices etc.
	Studio Exercises and case studies for above. Site Visit to various factories, processing sites etc.
	STRUCTURES-I (L=2,S=0,W=0) CREDITS = 02
	ASSESSMENT(TERM WORK /EXERCISES) = 50 CONTACT HRS/WK = 02
	Y EXAMINATION = 50
Focus :	
Content:	Introduction of Structure – History, basic terminology of mechanics like mass, force, scalar and
	vector, basic engineering units, units conversions, Forces (natural and manmade), Primary
	elements of structure and their behavior ,Concept of Load bearing and Frame structure ,
	Importance of foundations
	Force and force systems definitions and sketches
	Law of parallelogram, triangle- Examples and limitation
	Law of Polygon of forces – Examples (analytical method)
	Lami's theorem – Free body and space diagram – Examples.
	Concept of equilibrium, Moment and Couple.
	Types of loads, supports and their reactions (only point and U.D.L.).
	Numerical on Shear force and bending moment Diagrams for Simply supported beams, Cantilever
	Beams and Overhang beams Definition of Point of Contra flexure
	Center of Gravity and Moment of Inertia Definition
	Examples -Center of Gravity (One and Two Dimensional)
Nasta - I	Examples -Moment of Inertia (parallel and perpendicular axis theorem).
Method:	
	Mainly lecture-based, illustrations & case studies. Type/options and Layout in studio project is discussed.

AR 2206 SI	JRVEYING & LEVELLING (L=2, S=0, W=2)	CREDITS = 02
INTERNAL AS	SSESSMENT(TERMWORK/EXERCISE) = 50	CONTACT HOURS =04
UNIVERSITY	EXAMINATION(Theory and Practical) = 50(25+25)	
Focus :	Techniques for preparation of measured drawings and setting out	buildings on site
Content :	Understanding about various instruments used for surveying, chain	
	Preparing measured drawings of surveyed area and buildings.	, , ,
	Levelling: Equipment used, principles and practice.	
	Taking vertical and horizontal measurements on plain and contoure	ed sites, calculation of areas,
	mapping contours and site profiles etc.	· · · · · ·
	Setting out of buildings on a site.	
Method :	Practical demonstration and documented site work is a must to f	amiliarise students with use
	of all relevant instruments, in addition to lectures on the basic cor	ncepts and theory.
	IGLISH AND COMMUNICATION SKILLS (L2, S=0, W=0)	CREDITS =01
	SSESSMENT(TERM WORK /ASSIGNMENTS)=100	CONTART HRS/WK= 02
UNIVERSITY	EXAMINATION = 00	
Focus:	Spoken English	
Content:	Reading Fluency: Introduction; Reading strategies; Techniques of Re	eading
	Developing Reading Comprehension	
	Writing: Mastering the final skill: Paragraphs writing; Business letter	rs ;Report / MOM Writing ; E-
	mail etiquette ;Telephone conversation	
Method:	Demonstration and practicals	
AE 2208 EL	, , , ,	CREDITS =02
INTERNAL AS	SSESSMENT(TERM WORK /ASSIGNMENTS)=100	CONTART HRS/WK= 03
Focus:	To help students exploring their aptitudes and in developing skills in a	any related field like painting,
	sculpture, sketching ceramic work, photography etc.	
Content:	A number of subjects shall be offered depending on faculty availabil	•
	Students may register for any one of the offered courses for the sen	nester.
	Courses that may be offered from time to time :	
	AE 2208/1 - Painting	
	AE 2208/2 - Photography	
	AE 2208/3 - Pottery & Ceramic	
	AE 2208/4 - Sculpture	
	AE 2208/5 - Digital Architectural Presentation	
	AE 2208/6 - Performing Arts	
	AE 2208/7 - Calligraphy	
	AE 2208/8 - Graphic Design	
	AE 2208/9 - Textile	
	AE 2208/10-Print Making	
Method:	Portfolio and Project Submission.	
	B.Arch-II: SEMESTER III	
	ESIGN STUDIO - III (L=0, S=09, W=0)	CREDITS = 06
	SSESSMENT(T.W./PERIODIC REVIEW) = 50	CONTACT HRS/WK = 09
	EXAMINATION (JURY/TIME PROBLEM/VIVA) = 50	
Focus :	Material and Structure as determinants of Architectural Form.	
Contents:	Materials – properties, character.	
	Basic structural system in various materials (timber, mud, brick,	Fabric etc.) Structure as a
	form giver for various materials.	

Projects:	Project/s in different contexts to add	dress variations in material Ti	me Problems may be set as
	exercises based on other material. De	sign problem & use of at least	two building material to make
	a structures.		
Skills :	Preparation of architectural design dr	awings and models.	
	Site Visits, case studies.		
AR 2302 BA	SIC DESIGN & WORKSHOP-III	(L=0,S=4,W=3)	CREDITS = 05
	SESSMENT(T.W./PERIODIC REVIEW) =		CONTACT HRS/WK = 07
	EXAMINATION(CRIT/TIME PROBLEM/VIVA =		CONTACT IMS, WK = 07
Focus :	Study of Colour on form, as used in		
Contents:	Analysis of design principles and comp		vironment using space
	abstractions in two and three dimens	ions.	- ,
	Colour as a Form giver to spaces.		
	Colour : Theory and systems, role and	effects of colour and texture	in spaces.
	Analysis of space using monochromat		
	Behaviour and effects of coloured c		
20 11 1	warmth and coolness etc.). Rythmn, (-	
Method:	Model making in various materials as	•	n and analysis (use wood,
	mud, paper, Acrylic, cork, etc.). Comp	osition tillough paintings.	
ΔR 2303 BII	ILDING TECHNOLOGY & MATERIALS-III	(L=2, S=3, W=0)	CREDITS = 04
	SESSMENT(TERMWORK/EXERCISES)	=50	CONTACT HRS/WK = 05
	EXAMINATION (CRIT/TIME PROBLEM/VIVA)		CONTACT TIME, WK = 05
Focus :	Understanding basic Structural System		truction & erection process.
Contents:	New Materials and their use in Buildi		
Contents:	New Materials and their use in Buildi Building Elements made out of wo	ng Construction.	
Contents:	Building Elements made out of wo windows, including treatment of sills	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various	etc.various types of doors and stypes of fittings & Hardware
Contents: Method:	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra	etc.various types of doors and stypes of fittings & Hardware
	Building Elements made out of wo windows, including treatment of sills	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra	etc.various types of doors and stypes of fittings & Hardware
Method :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra pical details.	etc.various types of doors and s types of fittings & Hardware actices. A number of studio
Method : AR 2304 HI	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0)	etc.various types of doors and s types of fittings & Hardware actices. A number of studio CREDITS = 02
Method : AR 2304 HI INTERNAL AS	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) =	ng Construction. bod, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- bical details. (L=2,S=0, W=0)	etc.various types of doors and s types of fittings & Hardware actices. A number of studio
Method : AR 2304 HI INTERNAL AS UNIVERSITY I	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50	etc.various types of doors and stypes of fittings & Hardware actices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancie	etc.various types of doors and stypes of fittings & Hardware ectices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D.
Method : AR 2304 HI INTERNAL AS UNIVERSITY I	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of ancient civilizations	ng Construction. pod, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancies s: Harappan, Mesopotamiar	etc.various types of doors and stypes of fittings & Hardware ectices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D.
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of ancient civilizations of American, European (Greek & Roma	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancie s: Harappan, Mesopotamian n), Chinese.	etc.various types of doors and stypes of fittings & Hardware actices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of ancient civilizations	ng Construction. bod, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- bical details. (L=2,S=0, W=0) 50 ents over the world from ancie s: Harappan, Mesopotamian n), Chinese. beriod, through Buddhist era to	ctc.various types of doors and stypes of fittings & Hardware ectices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. a, Egyptian, Central co Gupta period.
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of ancient civilizations of American, European (Greek & Roma Indian architecture from Harappan p	ng Construction. pod, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancie s: Harappan, Mesopotamian n), Chinese. period, through Buddhist era tent in the late Classical perio	creations types of doors and stypes of fittings & Hardware actices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. a, Egyptian, Central to Gupta period. d.
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development Architecture of ancient civilizations American, European (Greek & Roma Indian architecture from Harappan provelopments Architecture from Harappan provelopments Architecture from Harappan provelopments of Western civilization should be on presenting a chronologogeneous and the statement of the subcontined provelopment	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancies s: Harappan, Mesopotamian n), Chinese. period, through Buddhist era tent in the late Classical perio : Early Christian, Byzantine, gical picture of architectural designation.	creations types of doors and stypes of fittings & Hardware actices. A number of studio CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. and Egyptian, Central co Gupta period. do. Medieval, Gothic Emphasis
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus : Contents:	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of Architecture of ancient civilizations of American, European (Greek & Roma Indian architecture from Harappan proposed Developments Architecture from Harappan proposed Development of Western civilization should be on presenting a chronology comparison to trends in Indian subcomparison to trends in Indian subcomparison.	ng Construction. ood, steel, PVC, aluminium e , lintels etc. / m. s. grill, various Traditional / Conventional pra- pical details. (L=2,S=0, W=0) 50 ents over the world from ancie s: Harappan, Mesopotamian n), Chinese. Period, through Buddhist era tent in the late Classical perio : Early Christian, Byzantine, gical picture of architectural dontinent and elsewhere	CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central to Gupta period. d. Medieval, Gothic Emphasis evelopments, with
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of Architecture of ancient civilizations American, European (Greek & Roma Indian architecture from Harappan proposed Developments Architecture from Harappan proposed Development of Western civilization should be on presenting a chronology comparison to trends in Indian subcontactures, Case-Studies, analytical exercises	ng Construction. ood, steel, PVC, aluminium et, lintels etc. / m. s. grill, various. Traditional / Conventional prabical details. (L=2,S=0, W=0) 50 ents over the world from ancies is: Harappan, Mesopotamian, Chinese. eriod, through Buddhist era tent in the late Classical perious: Early Christian, Byzantine, gical picture of architectural dontinent and elsewhere ercises on built-form of various.	CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central to Gupta period. d. Medieval, Gothic Emphasis evelopments, with
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus : Contents:	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of Architecture of ancient civilizations of American, European (Greek & Roma Indian architecture from Harappan proposed Developments Architecture from Harappan proposed Development of Western civilization should be on presenting a chronology comparison to trends in Indian subcomparison to trends in Indian subcomparison.	ng Construction. ood, steel, PVC, aluminium et, lintels etc. / m. s. grill, various. Traditional / Conventional prabical details. (L=2,S=0, W=0) 50 ents over the world from ancies is: Harappan, Mesopotamian, Chinese. eriod, through Buddhist era tent in the late Classical perious: Early Christian, Byzantine, gical picture of architectural dontinent and elsewhere ercises on built-form of various.	CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central to Gupta period. d. Medieval, Gothic Emphasis evelopments, with
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus : Contents: Method :	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of Architecture of ancient civilizations American, European (Greek & Roma Indian architecture from Harappan proposed Developments Architecture from Harappan proposed Development of Western civilization should be on presenting a chronology comparison to trends in Indian subcomparison to trends in	ng Construction. pod, steel, PVC, aluminium et, lintels etc. / m. s. grill, various. Traditional / Conventional practical details. (L=2,S=0, W=0) 50 ents over the world from ancies: Harappan, Mesopotamiann), Chinese. period, through Buddhist era tent in the late Classical perio: Early Christian, Byzantine, gical picture of architectural dontinent and elsewhere ercises on built-form of various and places.	CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central to Gupta period. d. Medieval, Gothic Emphasis evelopments, with us periods to understand the
Method : AR 2304 HI INTERNAL AS UNIVERSITY I Focus : Contents: Method : AR 2305 S	Building Elements made out of wo windows, including treatment of sills Illustrated lectures, case studies of Exercises for making drawings of type STORY OF ARCH-I SESSMENT(TERM WORK /EXERCISE) = EXAMINATION = 50 A mapping of architectural development of Architecture of ancient civilizations American, European (Greek & Roma Indian architecture from Harappan poevelopments ARross the subcontined Development of Western civilization should be on presenting a chronology comparison to trends in Indian subcomparison to trends in Indian subcompariso	ng Construction. pod, steel, PVC, aluminium et, lintels etc. / m. s. grill, various. Traditional / Conventional prabical details. (L=2,S=0, W=0) 50 ents over the world from ancies is: Harappan, Mesopotamian n), Chinese. period, through Buddhist era tent in the late Classical perious: Early Christian, Byzantine, gical picture of architectural dontinent and elsewhere ercises on built-form of various and places. =1, S=0, W=2)	CREDITS = 02 CONTACT HRS/WK = 02 ent times to 11th century A.D. n, Egyptian, Central to Gupta period. d. Medieval, Gothic Emphasis evelopments, with us periods to understand the CREDITS = 02
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Contents:	Architectural considerations in material selection for structural use. Coplastic material.	ncept of strength elastic and
	Concept different mechanical properties of material (tensile, compres malleability, fatigue with definition)	sive, flexure, toughness, and
	Concept of stress-strain. Types of stress, its importance, elastic limit, yi	eld point, permissible stress,
	ultimate stress and elongation, concept of stress-strain curve, example	•
	Analysis of fixed Beam-numerical (Central Point load and Uniform	ly distributed load by using
	formula only and shear force & Bending moment diagram.	
	Analysis of Continuous Beam (Definition of Fixed end moment, castiffness and Distribution fARtor,numerical for all end with fixity)-Nanalysis of Truss –numerical (methods of joint only for small truss, up Analysis of Frames – non-sway type Portal frames, reason of sway, doncept)	Noment Distribution Method to 8-10 members)
	Types of Arch, and analysis of three hinges parabolic Arch (only reARt	ion at supports)
	Concept and importance of deflection in design of structures, Deri condition. (No examples only concept)	
Method :	Mainly lecture-based, illustrations & case studies. Type/options and discussed.	Layout in studio project is
AR 2306 CL	IMATE AND BUILDING (L=2, S=0, W=0)	CREDITS =02
	SSESSMENT(TERM WORK /ASSIGNMENTS)=50	CONTACT HRS/WK= 02
	EXAMINATION (THEORY) = 50	.,
Focus :	Built Environment & Climate	
Contents:	Climate – Constituent elements, Classification of tropical climatic zone	es.
	Micro & Macro climate.	
	Thermal comfort & principles of Thermal Design.	
	Ventilation – Air movement & fenestration, solar orientation, Sun pat	
	Traditional House Form & Settlement pattern in various tropical clima	ites; vernacular architecture
	Design Tools – Mahoney Tables, Sun Path diagrams, etc.	
	Day lighting – components, architectural methods of borrowing day li	ght; control of glare.
Method :	Exercises to enhance understanding of above concepts.	
	Application of concepts in design work.	
	Time problem to address design issues from climatology point of view	1.
AR 2307 CA	AD-I (L=0, S=0, W=3)	CREDITS =02
INTERNAL AS	SSESSMENT(TERM WORK /ASSIGNMENTS)=50	CONTACT HRS/WK= 03
UNIVERSITY	EXAMINATION (PRARTICAL) = 50	
Focus:	Fundamentals of Computer and getting acquainted with basic comma	inds for computer drawings.
Contents:	Fundamentals of Computer, terminology used, basics of various oper	ating systems; Terminology
	of Windows; Introduction to Autocad	
	Creating Drawings: Line, Circle, rectangle, Polygon, Arc commands	
	Modifying Drawings: Move, copy, offset, mirror, trim, extend etc. com	
	Drawing Tools: Using co-ordinate system, polar and ortho dynamic In	out, object snap etc.
	Dimensioning and Text: Creating single line text and multiline text.	
8.4		
Method :	Practice in Computer Lab	
	·	
AE 2308 EL	Practice in Computer Lab ECTIVES-III (L=0, S=0, W=4) SSESSMENT(TERM WORK /ASSIGNMENTS/PORTFOLIO OF EXERCISES)=100	CREDITS =02 CONTACT HRS/WK= 04

Focus :	To help students in exploring their aptitudes and in developing skills in any related field like
	painting, sculpture, sketching ceramic work, photography etc.
Contents:	A number of subjects shall be offered depending on faculty availability.
	Students may register for any one of the offered courses for the semester.
	Courses that may be offered from time to time :
	AE 2308/1 – Painting (Oil)
	AE 2308/2 - Photography
	AE 2308/3 - Pottery & Ceramic
	AE 2308/4 - Sculpture
	AE 2308/5 – Bamboo work
	AE 2308/6 - Performing Arts
	AE 2308/7 - Calligraphy
	AE 2308/8 - Graphic Design
	AE 2308/9 - Textile
	AE 2308/10-Print Making
Method :	Portfolio and Project Submission.
	B.Arch-II: SEMESTER IV
AR 2400 RE	ATED STUDY PROGRAMME CREDITS = 02
	ESSMENT (TERM WORK) =100
Focus	Document an area/locality through measured drawings, reading of history, morphological
rocus	development etc
Content	Select a small area or locality for documentation through measured drawings, observations,
Content	dialogues etc fir the purpose of designing in the physical context.
	dialogues ete ili the purpose of designing ili the physical context.
AR 2401 DE	CONCENTION IN THE CONTRACT OF
AR 2401 DE	SIGN STUDIO - IV (L=0,S=9,W=0) CREDITS =06
	SIGN STUDIO - IV (L=0,S=9,W=0) CREDITS =06 ESSMENT (TERM WORK) =50 CONTACT HRS/WK =09
INTERNAL ASS	ESSMENT (TERM WORK) =50 CONTACT HRS/WK =09
INTERNAL ASS	ESSMENT (TERM WORK) =50 CONTACT HRS/WK =09
INTERNAL ASS UNIVERSITY E	EESSMENT (TERM WORK) = 50 CONTACT HRS/WK = 09 XAMINATION (CRIT/TIME PROBLEM/ VIVA) = 50
INTERNAL ASS UNIVERSITY E	ESSMENT (TERM WORK) =50 CONTACT HRS/WK =09 XAMINATION (CRIT/TIME PROBLEM/ VIVA) =50 Analysis of context as a determinant of Architectural character.
INTERNAL ASS UNIVERSITY E	ESSMENT (TERM WORK) = 50 CONTACT HRS/WK = 09 XAMINATION (CRIT/TIME PROBLEM/ VIVA) = 50 Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical
INTERNAL ASS UNIVERSITY E Focus :	ESSMENT (TERM WORK) = 50 CONTACT HRS/WK = 09 XAMINATION (CRIT/TIME PROBLEM/ VIVA) = 50 Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment
INTERNAL ASS UNIVERSITY E Focus :	ESSMENT (TERM WORK) = 50 CONTACT HRS/WK = 09 XAMINATION (CRIT/TIME PROBLEM/ VIVA) = 50 Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment Cluster & community - street pattern
INTERNAL ASS UNIVERSITY E Focus :	ESSMENT (TERM WORK) = 50 XAMINATION (CRIT/TIME PROBLEM/ VIVA) = 50 Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment Cluster & community - street pattern Traditional design and construction principles
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INTERNAL ASS UNIVERSITY E Focus : Contents : Projects :	Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment Cluster & community - street pattern Traditional design and construction principles Issues of modernity and tradition Housing studies of existing settlements. Complete architectural design of project/s of different nature at level of residence & small institution/ work place in the context of a traditional settlement. Dwelling cluster design project (15-20 units to form a small community). Work done in the Related Study Program or the measured drawing of traditional settlement may be used as the context. Interior design may be included as part of programme. Documentation & analysis of existing / traditional settlements; programmed and un-programmed spaces; Full range of architectural graphic techniques and model making in various media must be applied. SIC DESIGN &WORKSHOP-IV (L=0, S=3, W=3) CREDITS =04 ESSMENT(EXERCISES) = 50 CONTART HRS/WK =06
INTERNAL ASSUNIVERSITY EFocus: Contents: Projects: Skills: AR 2402 BA INTERNAL ASS	Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment Cluster & community - street pattern Traditional design and construction principles Issues of modernity and tradition Housing studies of existing settlements. Complete architectural design of project/s of different nature at level of residence & small institution/ work place in the context of a traditional settlement. Dwelling cluster design project (15-20 units to form a small community). Work done in the Related Study Program or the measured drawing of traditional settlement may be used as the context. Interior design may be included as part of programme. Documentation & analysis of existing / traditional settlements; programmed and un-programmed spaces; Full range of architectural graphic techniques and model making in various media must be applied. SIC DESIGN &WORKSHOP-IV (L=0, S=3, W=3) CREDITS =04 ESSMENT(EXERCISES) = 50 CONTART HRS/WK =06
INTERNAL ASSUNIVERSITY EFocus: Contents: Projects: Skills: AR 2402 BA INTERNAL ASSUNIVERSITY E	Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material , social & cultural context, physical environment Cluster & community - street pattern Traditional design and construction principles Issues of modernity and tradition Housing studies of existing settlements. Complete architectural design of project/s of different nature at level of residence & small institution/ work place in the context of a traditional settlement. Dwelling cluster design project (15-20 units to form a small community). Work done in the Related Study Program or the measured drawing of traditional settlement may be used as the context. Interior design may be included as part of programme. Documentation & analysis of existing / traditional settlements; programmed and un-programmed spaces; Full range of architectural graphic techniques and model making in various media must be applied. SIC DESIGN &WORKSHOP-IV (L=0, S=3,W=3) CREDITS =04 ESSMENT(EXERCISES) = 50 CONTART HRS/WK =06 EXAMINATION = 50
INTERNAL ASSUNIVERSITY EFocus: Contents: Projects: Skills: AR 2402 BA INTERNAL ASSUNIVERSITY EFocus:	Analysis of context as a determinant of Architectural character. Study of built form with special reference to climate, material, social & cultural context, physical environment Cluster & community - street pattern Traditional design and construction principles Issues of modernity and tradition Housing studies of existing settlements. Complete architectural design of project/s of different nature at level of residence & small institution/ work place in the context of a traditional settlement. Dwelling cluster design project (15-20 units to form a small community). Work done in the Related Study Program or the measured drawing of traditional settlement may be used as the context. Interior design may be included as part of programme. Documentation & analysis of existing / traditional settlements; programmed and un-programmed spaces; Full range of architectural graphic techniques and model making in various media must be applied. SIC DESIGN &WORKSHOP-IV (L=0, S=3,W=3) CREDITS =04 ESSMENT(EXERCISES) = 50 CONTART HRS/WK =06 KAMINATION = 50

	Symbolism and communication, identity, character and imageabil	lity
	Exploring environmental qualities like light and colour, textu	•
	expressing design concepts.	S
Method :	To explore and analyze above aspects for selected architectural	projects.
	To abstract design work to help expression of personal conce	•
		1
AR 2403 BUI	UILDING TECHNOLOGY & MATERIALS-IV (L=2,S=3, W=0)	CREDITS =04
INTERNAL ASS	SSESSMENT(TERM WORK /EXERCISES) = 50	CONTACT HRS/WK = 05
UNIVERSITY E	EXAMINATION = 50	
Focus:	Understanding of various building components, their place	and composition within the
	systems, possibilities of different material use.	
	Understanding principles & possibilities of various construction Te	echnology & their applications.
Content :	Building Components : - Floor and Floorings	
	Staircase, Stairs, Steps, Ramps.	
	Steel windows	
	Wooden roof construction details	
	Retaining walls, basement	
	Compound wall/Gates	
Method:	Market survey & Resource file to be maintained.	
	Conventional practices, documentation.	
	Case studies & Studio exercise	
AR 2404 STRU		CREDITS =03
	SSESSMENT(TERM WORK /EXERCISES) = 50	CONTACT HRS/WK = 04
	EXAMINATION = 50	
Focus :		
Content:		
	Understanding concrete structures	
	Understanding steel structures	
	Understanding steel structures Understanding structural drawings	
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand	· ·
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Def	· ·
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Defabalanced section, under reinforced and over-reinforced section.	inition of Permissible stresses,
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Def balanced section, under reinforced and over-reinforced section. Analysis and Design of beam (Singly and Double), Concept of Flan	inition of Permissible stresses,
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Defibalanced section, under reinforced and over-reinforced section. Analysis and Design of beam (Singly and Double), Concept of Flan Axially and eccentrically loaded columns, types of columns. Desi	inition of Permissible stresses,
	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Defibalanced section, under reinforced and over-reinforced section. Analysis and Design of beam (Singly and Double), Concept of Flan Axially and eccentrically loaded columns, types of columns. Desireinforcement detailing.	inition of Permissible stresses, ged beam gn of axially loaded columns &
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	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Defibalanced section, under reinforced and over-reinforced section. Analysis and Design of beam (Singly and Double), Concept of Flan Axially and eccentrically loaded columns, types of columns. Desireinforcement detailing. Design of simple one-way and two-way slab; concept of continuo only waist slab type. Application of thumb rules for beams, columns, Slabs for fixing se	ged beam gn of axially loaded columns & us slab, R. C. C. Staircase Design ctional properties
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Method:	Understanding steel structures Understanding structural drawings Use of code of special practice for R. C. C. members (Indian Stand R. C. C. STRUCTURES: R. C. C. Theory, Limit State Method, Def balanced section, under reinforced and over-reinforced section. Analysis and Design of beam (Singly and Double), Concept of Flan Axially and eccentrically loaded columns, types of columns. Desi reinforcement detailing. Design of simple one-way and two-way slab; concept of continuo only waist slab type. Application of thumb rules for beams, columns, Slabs for fixing se Types of foundations, importance of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure of soil & other factors while reconcept of combined and eccentric footings, Design of R. C. C. Footonese design of the structure o	ged beam gn of axially loaded columns & us slab, R. C. C. Staircase Design ctional properties ommending type of foundation, oting for axial loads.
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	Colonial architecture in India- Imported styles and trends.	
	Developments in Europe after the Medieval period- The Renaissar	ace Baroque etc
Method :	Lectures, Case-Studies, analytical exercises on built form to unders	
wiethou .	of various times and places.	stand the architectural images
	or various times and places.	
AR 2406 B	UILDING SERVICES-I (L=1, S=2, W=0)	CREDITS = 02
	SSESSMENT(TERMWORK/EXERCISE) = 50	CONTACT HRS/WK =03
	EXAMINATION(Theory) = 50	CONTACT HRS/WK -03
Focus:	Building Services - Water Supply and Waste Disposal.	
Content:	Water Supply - Sources, demand & elements of the system, la	ayout and design of system,
	connections with municipal supply, rain water harvesting systems.	
	Lay out for water supply, drainage & rain water system for a unit	(Bungalow, Tenement or Flat)
	including calculations for storage units e.g. underground and terrac	ce tanks.
	Waste disposal - Sullage and sewage. Various systems of waste re	moval and disposal. Fitting of
	various elements of the system, layout design	
	Septic Tank –Necessity, Constructional and operational features	
	Storm water disposal systems - combined and independent system	S.
Method :	Basic information to be given in lectures and application show survey for materials & rates may be carried out in order to include Preparation of drawings for water supply, drainage & rainwater contains a unit showing details of bathrooms, toilets kitchen, terrace and drainage system.	e new products in market. Illection & disposal system for
AR 2407 CA	AD-II (L=0, S=0, W=3)	CREDITS =02
INTERNAL AS	SSESSMENT(TERM WORK /ASSIGNMENTS)=50	CONTACT HRS/WK= 03
UNIVERSITY	EXAMINATION (PRARTICAL) =50	
Focus:	Thorough application of knowledge of 2 D drawings.	
Content:	Layer, Block and XRef	
	Creating layers and assigning objects	
	Using layer properties manager	
	Editing object properties	
	Inserting blocks	
	Attaching external references	
	Preparing layout and plotting;	
	Annotation;	
	Hatch, Super hatch	
	Dimension editing	
	Presentation & detail drawing preparation	
	Isometric view	
	Introduction to 3 D Solid modeling	
	Editing and visualizing solids	
	Rendering and presentation	
Method:	Practice in Computer Lab	
AF 2400 -:	FOTIVES II (1. 0. 5. 0. 14. 4)	CDEDITC 02
	ECTIVES -II (L=0, S=0, W=4)	CREDITS =02
	SSESSMENT(TERM WORK /ASSIGNMENTS)=100	CONTART HRS/WK= 04
Focus:	To help students exploring their aptitudes and in developing skills in	any related field like painting,
Contract	sculpture, sketching ceramic work, photography etc.	:1:4
Content:	A number of subjects shall be offered depending on faculty availab	•
	Students may register for any one of the offered courses for the se	mester.

Courses that may be offered from time to time: AE 2408/3 - Photography AE 2408/3 - Photography AE 2408/3 - Pottery & Ceramic AE 2408/5 - Digital Architectural Presentation AE 2408/5 - Digital Architectural Presentation AE 2408/6 - Performing ARTS AE 2408/7 - Calligraphy AE 2408/8 - Graphic Design AE 2408/9 - Textile AE 2408/10-Print Making Method: Portfolio and Project Submission. WITERNAL ASSESSMENT(T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (JUNY/IMME PROBLEM/NYA) = 50 Focus: Understanding character of Institution. Design of Institutional Campus/Complex Contents: Organization and disposition of spaces. Relationship of different functional, service and movement areas. Diversity of user groups, circulation routes. User group needs and client requirements. Influence of culture, climate & technology. Site planning/layout/zoning/ circulation. Landscaping. Idea of an Institution of medium level complexity with a mix of functions. Analysis of various types of case studies of Institutions in different cultures and time periods may be done as group work. Design to be prepared keeping Working Drawings exercise in view. NASA Briefs for ANDC or other trophies may be refined to be taken up as studio programmes in part or full. AR 2502 BUILDING TECHNOLOGY-V (L-2,S=3,W=0) CONTACT HRS/WK = 05 UNIVERSITY EXAMINATION (ITHEORY) = 50 Focus: Understanding the behaviour of two different materials i.e. Concrete and steel their various possibilities, Building elements and components, different processes and products. Contents: Understanding the behaviour of two different materials i.e. Concrete and steel their various possibilities, Building elements and components, different processes and products. Contents: Understanding the behaviour of two different materials i.e. Concrete and steel their various possibilities, Building elements and components, different processes and products. Contents: Understanding Const. and precognitions/safety measures Different type of slabs and vaults. Damp profing & Wat		T		
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AE 2408/3 - Pottery & Ceramic AE 2408/4 - Sculpture AE 2408/6 - Performing Arts AE 2408/8 - Graphic Design AE 2408/8 - Graphic Design AE 2408/8 - Graphic Design AE 2408/8 - Textile AE 2408/8 - Textile AE 2408/8 - Performing Arts AE 2408/8 - Textile AE 2408/8 - Textile AE 2408/8 - Textile AE 2408/8 - Design AE 2408/9 - Textile AE 2501 DESIGN STUDIO - V (L=0, S=012, W=0) CREDITS = 08 AE 2501 DESIGN STUDIO - V (L=0, S=012, W=0) CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (1 unryTime PROBLEM/VIVa) = 50 CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (1 unryTime PROBLEM/VIVa) = 50 Corganization and disposition of spaces. Relationship of different functional, service and movement areas. Diversity of user groups, circulation routes. User group needs and client requirements. Influence of culture, climate & technology. Site planning/layout/zoning/circulation. Landscaping. Idea of an Institutional image/character Ordering theme / idea / concept. Projects: Design of an Institution of medium level complexity with a mix of functions. Analysis of various types of case studies of Institutions in different cultures and time periods may be done as group work. Design to be prepared keeping Working Drawings exercise in view. NASA Briefs for ANDC or other trophies may be refined to be taken up as studio programmes in part or full. AR 2502 BUILDING TECHNOLOGY-V (L=2,S=3,W=0) CREDITS = 04 INTERNAL ASSESSMENT(T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 05 UNIVERSITY EXAMINATION (THEORY) = 50 CONTACT HRS/WK = 05 UNIVERSITY EXAMINATION (THEORY) = 50 CONTACT HRS/WK = 05 UNIVERSITY EXAMINATION (THEORY) = 50 CONTACT HRS/WK = 05 UNIVERSITY EXAMINATION (THEORY) = 50 Design of an Institution				
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AE 2408/6 - Performing Arts AE 2408/7 - Calligraphy AE 2408/8 - Graphic Design AE 2408/9 - Textile AE 2408/10-Print Making Method: Portfolio and Project Submission. ***B.Arch-III: SEMESTER V** AR 2501 DESIGN STUDIO - V (L=0, S=012, W=0) CREDITS = 08 INTERNAL ASSESSMENTIT. W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (JURY/IME PROBLEM/VIVA) = 50 Focus: Understanding character of Institution.		AE 2408/4 - Sculpture		
AE 2408/7 - Calligraphy AE 2408/8 - Graphic Design AE 2408/8 - Textile AE 2408/10-Print Making Method: Portfolio and Project Submission. BArch-III: SEMESTER V AR 2501 DESIGN STUDIO - V (L=0, S=012, W=0) CREDITS = 08 INTERNAL ASSESSMENT[T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (JURY/IMB PROBLEM/NIVA) = 50 Focus: Understanding character of Institution. Design of Institutional Campus/Complex Contents: Organization and disposition of spaces. Relationship of different functional, service and movement areas. Diversity of user groups, circulation routes. User group needs and client requirements. Influence of culture, climate & technology. Site planning/layout/zoning/ circulation. Landscaping. Idea of an Institutional image/character Ordering theme / Idea / Concept. Projects: Design of an Institution of medium level complexity with a mix of functions. Analysis of various types of case studies of Institutions in different cultures and time periods may be done as group work. Design to be prepared keeping Working Drawings exercise in view. NASA Briefs for ANDC or other trophies may be refined to be taken up as studio programmes in part or full. AR 2502 BUILDING TECHNOLOGY-V (L=2,5=3,W=0) CREDITS = 04 INTERNAL ASSESSMENT(T.W./PERIODIC REVIEW) = 50 Focus: Understanding the behaviour of two different materials i.e. Concrete and steel their various possibilities, Building elements and components, different processes and products. Contents: Materials - Steel and Concrete - R.C.C. Elements - P.C.C. Elements - Precast Elements Building Const. and precognitions/safety measures Different type of slabs and vaults. Damp proofing & Water proofing Thermal Insulations RCC column foundation - Retaining walls, Raft, Pile foundation, cantilever, & combined footing Protection of Structures Constructional/Expansion joints Anti termite treatments Different preservative measures and procedures		AE 2408/5 - Digital Architectural F	Presentation	
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Method : Portfolio and Project Submission.		•		
B.Arch-III: SEMESTER V AR 2501 DESIGN STUDIO - V (L=0, S=012, W=0) CREDITS = 08 INTERNAL ASSESSMENT(T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 12 UNIVERSITY EXAMINATION (JUNY/IME PROBLEM/IVIA) = 50 Focus: Understanding character of Institution.	0.0 - 1.11 -			
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Anti termite treatments Different preservative measures and procedures				
Different preservative measures and procedures				
		Anti termite treatments		
Method: Case studies & documentation of building elements & structure within an architectural context.		Different preservative measures a	nd procedures	
	Method:	Case studies & documentation of b	ouilding elements & structu	re within an architectural context.

	Analysis of elements through models.	
	Studio Exercise.	
	Studio Exercise.	
AD 2502 (CTDLICTURES IV	CDEDITE 03
	STRUCTURES-IV (L=1, S=0, W=2)	CREDITS = 02
	SSESSMENT(TERMWORK/EXERCISES) =50	CONTACT HRS/WK = 03
	EXAMINATION (WRITTEN) =50	
Focus :		
Contents:	Understanding types of joints in steel structures, riveted, we	elded and bolted joints
	Types of steel sections and their properties	
	Use of code of special practice for Steel members (Indian St	-
	Introduction to structural steel, Rolled steel sections, Criteria	a for selection of steel sections for
	design.	
	Design and Detailing of a steel structure	und an emplo em
	Analysis of Tension members, compression member & flexus	
	Concept of built up beams and columns – recommended use	es.
	Concept of lacings, battening & importance of bracings.	
	Introduction and analysis of footings for steel columns.	
	Conceptual study of general connections – Beam to beam co connections – column to column connections – column to fo	
	connections – column to column connections – column to id	oundation connection.
Method :	Mainly lecture-based, illustrations & case studies. Type/op	otions and Layout in studio project is
	discussed.	
AR 2504 H	HISTORY OF ARCHITECTURE-III (L=1,S=0, W=2)	CREDITS = 02
	HISTORY OF ARCHITECTURE-III (L=1,S=0, W=2) SSESSMENT(TERM WORK /EXERCISE) =50	CREDITS = 02 CONTACT HRS/WK = 03
INTERNAL A	, , , ,	
INTERNAL A	SSESSMENT(TERM WORK /EXERCISE) =50	CONTACT HRS/WK = 03
INTERNAL A	SSESSMENT(TERM WORK /EXERCISE) =50 'EXAMINATION (WRITTEN) =50	CONTACT HRS/WK = 03
INTERNAL A	SSESSMENT(TERM WORK /EXERCISE) =50 EXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and was a second contemporary development.	contact HRS/WK = 03 om the information base provided in vorld over.
INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 EXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and was Analyzing the roots of the modern movement. Issues of the modern movement.	contact HRS/WK = 03 om the information base provided in vorld over.
INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 EXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and war Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures.	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity &
INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 EXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and war Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern in	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity &
INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 EXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters;	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity &
INTERNAL A: UNIVERSITY Focus : Contents:	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development.	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity & novement and the international style
INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 TEXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity & novement and the international style
INTERNAL A: UNIVERSITY Focus : Contents:	SSESSMENT(TERM WORK /EXERCISE) =50 TO encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and ware Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues.	contact HRS/WK = 03 om the information base provided in yorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar
INTERNAL A: UNIVERSITY Focus : Contents:	SSESSMENT(TERM WORK /EXERCISE) =50 TEXAMINATION (WRITTEN) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course	contact HRS/WK = 03 om the information base provided in yorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar
INTERNAL A: UNIVERSITY Focus : Contents:	SSESSMENT(TERM WORK /EXERCISE) =50 TO encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and ware Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues.	contact HRS/WK = 03 om the information base provided in yorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar
INTERNAL A: UNIVERSITY Focus : Contents:	SSESSMENT(TERM WORK /EXERCISE) =50 TO encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and ware Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized.	contact HRS/WK = 03 om the information base provided in yorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar
INTERNAL A: UNIVERSITY Focus : Contents: Method :	SSESSMENT(TERM WORK /EXERCISE) =50 TO encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and ware Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized.	contact HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style with individual or group seminar ed.
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A:	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized.	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar ed. CREDITS = 02
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and was Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Understanding sound control as an important element in creations.	CONTACT HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Understanding sound control as an important element in creations.	CONTACT HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 CEXAMINATION (THEORY) = 50 Understanding sound control as an important element in creations of Sound -Properties of Sound , room Acoustics . Acoustical desound proof construction.	contact HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. lefects, sound absorbing materials and
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	SSESSMENT(TERM WORK /EXERCISE) =50 To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and work Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Understanding sound control as an important element in creations.	contact HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. lefects, sound absorbing materials and
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and wow Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 Understanding sound control as an important element in crease sound proof construction. Reverberation, Reverberation time for speech and music and Acoustical requirement of various building type.	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. defects, sound absorbing materials and d its calculation.
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and was Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Understanding sound control as an important element in crease sound proof construction. Reverberation, Reverberation time for speech and music and	contact HRS/WK = 03 om the information base provided in vorld over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. defects, sound absorbing materials and d its calculation.
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and wow Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 Understanding sound control as an important element in crease sound proof construction. Reverberation, Reverberation time for speech and music and Acoustical requirement of various building type.	CONTACT HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. defects, sound absorbing materials and dits calculation. ming these defects.
INTERNAL A: UNIVERSITY Focus : Contents: Method : AR 2505 A: INTERNAL A: UNIVERSITY Focus :	To encourage analytical studies in architectural history from earlier semesters. Contemporary developments in Architecture in India and we Analyzing the roots of the modern movement. Issues of the meaning of architecture in contemporary cultures. Beginning of Modernism — Europe and America; modern meaning of Modernism — Europe and America; modern meaning and modern masters; Post modernism & contemporary development. The course should be dealt with as a Seminar Course presentations on various issues. Guided self-study in an analytical mode should be emphasized. COUSTICS (L=2, S=0, W=0) SSESSMENT(TERM WORK /ASSIGNMENTS)=50 EXAMINATION (THEORY) = 50 Understanding sound control as an important element in creations of Sound proof construction. Reverberation, Reverberation time for speech and music and Acoustical requirement of various building type. Understanding Auditorium design — defects, ways of overcond	CONTACT HRS/WK = 03 om the information base provided in world over. Contextuality, Relevance, identity & novement and the international style e with individual or group seminar ed. CREDITS = 02 CONTACT HRS/WK = 02 eating comfortable functional spaces. defects, sound absorbing materials and dits calculation. ming these defects.

Method :	Mainly lecture based. Analysis of Live Case Studies of Sound spARes like auditorium, theatre,		
	conference room, etc.		
AR 2506 QU	JANTITIES AND SPECIFICATIONS (L=2, S=0, W=2) CREDITS =03		
INTERNAL AS	SESSMENT(TERM WORK /ASSIGNMENTS)=50 CONTACT HRS/WK= 04		
UNIVERSITY E	EXAMINATION (THEORY) = 50		
Focus :	Understanding Quantity Surveying & Estimate preparation.		
Contents:	Specification: Specification of different building items - general specification and detailed		
	specification.		
	Rate Analysis: Meaning, Importance, Purpose and use, factors affecting rate analysis.		
	Rate analysis of major items of building work. Factors affecting, cost of		
	work task work general information regarding S.O.R. Estimates: Method of computing quantities made of measurement of all items of work units.		
	Estimates : Method of computing quantities, mode of measurement of all items of work, units of measurement IS 1200.		
	Estimates of different items of work:-		
	* Compound wall.		
	* Small residential building 1 room with verandah.		
	* Small residential building with 2 room kitchen with Bath W.C.		
	* Two storied residential building.		
	* R.C.C. work column, flooring, Beam - T Beam, Slab - One way/Two way; Slab including centering,		
	shuttering & reinforcement.		
	* Steel truss.		
	* Material requirement for above items including Brick work; R.C.C.; Wooden items; doors,		
	windows, Glass.		
	* Measurement Book its entry checking and preparation of Bill etc. standard M.B. Term Work: Over and above the mentioned items, Estimate of Septic Tank, Soak Pit, Sanitary		
	item — Plumbing, Electrification. Rate analysis of all major item to be prepare		
Method :	Lectures, practicals, demonstrations, exercises		
Wictiou .	Ecocures, practically demonstrations, exercises		
AR 2506 GRI	EEN & SMART BUILDING DESIGN CONCEPTS (L=2, S=0, W=0) CREDITS =02		
	SESSMENT(TERM WORK /ASSIGNMENTS)=50 CONTACT HRS/WK= 02		
	EXAMINATION (THEORY) =50		
Focus :	Getting acquainted with green concepts in general and knowing design strategies for high		
	performance green/energy efficient buildings/sites		
Contents:	Introduction to sustainability, Green buildings & intelligent buildings, impARt of building		
	construction/industry on environment,		
	Methods and tools of building assessment, the green building process, green rating systems and		
	documentation, site and landscape strategies, building energy system strategies, material selection		
	strategies, Indoor environmental quality, carbon accounting, green building codes; energy		
Mothod	management systems Theory case studies and analysis		
Method:	Theory, case studies and analysis		
AE 2508 ELE	ECTIVES -V (L=0, S=0, W=4) CREDITS =02		
	SESSMENT(term work /assignments)=100 CONTACT HRS/WK= 04		
Focus :	To help students in exploring their aptitudes and in developing skills in fields of their choice.		
Contents:	A number of subjects shall be offered depending on faculty availability.		
	Students may register for any one of the offered courses for the semester.		
	Courses that may be offered from time to time :		
	AE 2508/1 – Creative Writing		
	AE 2508/2 – Appreciation of Art through Literature		

	AE 2508/3 – Sustainable Development Goals		
	AE 2508/4 – Architectural Futures		
	·		
	AE 2508/5 – Product Design		
	AE 2508/6 – Sustainable Architecture		
	AE 2508/7 – Bio-mimetic Architecture		
	AE 2508/8 - Advanced Climatic design		
	AE 2508/9 – Artificial illumination		
	AE 2508/10-Apprreciation of Music		
Method:	Portfolio and Project Submission.		
	B.Arch-III: SEMESTER VI		
AR 2600 REI	LATED STUDY PROGRAMME CREDITS = 02		
	SESSMENT (TERM WORK) =100		
Focus	To enhance observation and understand detailing of high rise/ typical structures.		
Content	Visit/s to site/s to contemporary; sketching, constructional details, site planning features, natural		
	landforms and landscape		
AR 2601 DE	SIGN STUDIO - VI (L=0,S=14,W=0) CREDITS =10		
	SESSMENT (TERM WORK) =50 CONTACT HRS/WK =14		
	XAMINATION (CRIT/TIME PROBLEM/ VIVA) =50		
Focus :	Architectural Detailing And Execution Drawings.		
Contents :	Execution drawing systems and methods.		
Contents.	Trade literature, detailing methods, architectural working drawings		
	Choice of materials, fixtures, fittings, availability and constructional feasibility.		
	Integration of building systems and services. Detailed drawings to include all components of building like doors, windows, lifts, staircases		
	elevators etc.		
Duciasta			
Projects :	Construction drawings of previous semester design project (part or full) including		
	specifications & estimations. Additional design project (small) may be taken alongside for		
	development to complete architectural detailing.		
	Full set of working drawings for the project		
Skills :	Construction drawings & models.		
	Specification writing, Computation of qualities & costing.		
	E PLANNING AND LANDSCAPE DESIGN (L=1, S=3,W=0) CREDITS =03		
	SESSMENT(EXERCISES) = 50 CONTACT HRS/WK =04		
UNIVERSITY E			
Focus :	Principles of Landscape design, its techniques and application.		
	Understanding Ecology, Ecosystem, environmental conservation		
Content:	Ecology, Environment, Components, Ecosystem at various levels, conservation of natural		
	resources, rainwater harvesting		
	Elements of Landscape: Landforms, plant materials, water, rocks, lighting etc.		
	Types of Soils, plant materials (trees, shrubs, ground covers, creepers, flowering and non-		
	flowering rocks and stones, water bodies. Surfacing Materials, landforms, manmade elements.		
	Historical and contemporary attitudes to landscape in Indian and other context.		
	Principles of landscape design: surfacing, enclosure vistas, visual corridor, composition of plant		
	and other material, etc.		
	Preparing Landscape design presentation drawing (using symbols etc.)		
Method :	Studio Exercise, Site Visit, Seminar, Presentation etc.		
	Testing and the view permitting is resembled in each		

	Design assignment may be done as part	of Studio project.	
AR 2603 BU	JILDING TECHNOLOGY - VI	(L=2,S=3, W=0)	CREDITS =04
	SESSMENT(TERM WORK /EXERCISES) = 50	(L-2,3-3, **-0)	CONTACT HRS/WK = 05
	EXAMINATION = 50		Continue into the Co
Focus :	Understanding construction process of	Interior Construction and r	material use.
Content :	Interior Construction		
	Partitions / Panelling		
	False Ceilings		
	Elevators, Escalators		
	Cabinets and Furniture.		
	Kitchen platform		
	Internal/External finishes		
	Glazing		
Method	Case Studies, Site Visits, Trade Literature	Collection	
	Studio exercises.		
AR 2604 STR	RUCTURES-V (L=1,	S=0,W=2)	CREDITS =02
INTERNAL AS	SESSMENT(TERM WORK /EXERCISES) = 50		CONTACT HRS/WK = 03
UNIVERSITY	EXAMINATION = 50		
Focus:			
Content:	Understanding complex structural syster	ns, Concept of structural fail	ure and safety of structures,
	Types of failure in various structures, Ca	uses of failure, Evaluation of	damage
	Pre stressed concrete structure: condit	ions for adopting of pre str	essed concrete beams and
	girders. Basic concepts, Advantages, Ma	aterials required, Systems an	nd methods of Prestressing,
	Analysis of sections, Stress concept, Loss	es of prestressing	
	Importance of ductile detailing, capaci	ty design concept, strong c	olumn weak beam theory,
	Ductile detailing of beams and columns a	as per IS: 13920.	
	Seismic strengthening and detailing of m	asonry buildings as per IS:432	26, masonry failure theories,
	Provision of various types of bands an	d vertical reinforcements, e	effects of openings, seismic
	strengthening measures and detailing as	per IS:4326	
	Theoretical concepts, specifications and	Selection criteria for structur	al system like arches, folded
	plates, cable structures, shell structures	s, types of shells, circular ar	nd rectangular water tanks.
	Retaining walls, diaphragm, basement v	valls, flat slabs, Grid floor, la	rge span girders in RCC and
	Steel, RCC box girders, plate girders, cast	cellated sections, Soils and bu	ınkers
	Theory and principles for structural desi	gn of tall buildings, Case stud	lies etc.
Method :	Mainly lecture-based, illustrations & case	se studies. Type/options and	Layout in studio project is
	discussed.		
AR 2605 BI	UILDING REGULATIONS	(L=1,S=0,W=0)	CREDITS = 01
	SSESSMENT(TERM WORK /EXERCISES) = 50		CONTACT HRS/WK = 01
UNIVERSITY	EXAMINATION = 50		
Focus:	Regulations for development control and	•	ing minimum standards of
	Building performance and environment	• •	
Content :	Need and rationale for development a		
	under which Rules and Regulations have	been worked out, National E	Building Code.
	Definitions and explanation of various	terms like Act, Rules, Regi	ulation, Development Plan,
	Planning Authority, Local Authority, B	uilt-up Area, Building Unit,	FSI / FAR, Plot coverage,
	Margins, Setbacks, Development permis	sions, occupancy certificate e	etc.

	General development requirements and regulations in Gamta	I and Revenue Survey areas, for	
	Industrial Areas, Low cost Housing and other special structures.		
	Procedure for securing Development permission and documents required.		
Method :	Mainly lecture-based with illustrations.		
AR 2606 E	BUILDING ECONOMICS (L=1, S=0, W=3)	CREDITS = 01	
	SSESSMENT(TERMWORK/EXERCISE) = 50	CONTACT HOURS/WK =01	
	EXAMINATION(Theory) = 50	•	
Focus :	Understanding economic process in society and the economics of Problem of economics, Market economy, Wants vs Means	of building housing etc.	
Content :	Basic concepts of the economics, demand and supply economics, traditional and modern approaches. Production process, need-demand and supply, economics of scatter Economics of building industry, Housing markets, Land Markets, law theory, price control.	ale, Forecasting demand.	
Method :	Assignments, Article presentation		
	(, , , , , , , , , , , , , , , , , , ,		
	UILDING SERVICES-II (L=2, S=0, W=0)	CREDITS =02	
	SSESSMENT(TERM WORK /ASSIGNMENTS)=50 'EXAMINATION(WRITTEN) =50	CONTACT HRS/WK= 02	
Focus:	(A) Building Electrical Services, Communication Systems	and Air conditioning.	
	(B) Mechanical Circulation, automated system,	and the conditioning.	
	(C) Artificial water bodies (SWIMMING POOLS).		
Content :	(A) Electrical Services - Power Connection, A.C. & D.C.,	conduits, distribution board and	
	 fuses, Wiring System (concealed & open) fixtures, d representation. Communication systems (telephone, fa and connections. (B) Air conditioning and mechanical ventilation, Important A/C., components of an A.C. system., ducting, layou treatment. Lifts: General design, Classification & Inst guidelines, capsule lift; Escalators Elevators, Moving systems: Alarm systems, automatic lighting and A.C. systems. 	ax, EPABX etc.) and their layouts acc of Air-conditioning, Types of at and design drawings. ARSCUE callations of Lifts. NBC norms & pumps and walks. Automated	
	(C) Swimming pools, garden pools, fountains system		
Method :	Mainly lecture-based, illustrations & case studies. Layout, discussed.	installation in studio project is	
AE 2608 E	LECTIVES -II (L=0, S=0, W=4)	CREDITS =02	
	SSESSMENT(TERM WORK /ASSIGNMENTS)=100	CONTACT HRS/WK= 04	
Focus :	To help students in exploring their aptitudes and in developing	•	
Content :	A number of subjects shall be offered depending on faculty avai		
	Students may register for any one of the offered courses for the	•	
	Courses that may be offered from time to time :		
	AE 2608/1 – Creative Writing		
	AE 2608/2 – Appreciation of Art through Literature		
	AE 2608/3 – Sustainable Development Goals		
	AE 2608/4 – Architectural Futures		
	AE 2608/5 – Product Design		
	AE 2608/6 – Sustainable Architecture		
	AE 2608/7 – Bio-mimetic Architecture		
	AE 2608/8 - Advanced Climatic design		

	AE 2608/9 – Artificial illu	ımination		
	AE 2608/10-Apprreciation of Music			
Method :	Portfolio and Project Sub	Portfolio and Project Submission.		
	B.Arch-IV: SEMESTER VII			
AR 2701	OFFICE TRAINING	(L=0, S=07, W=0)	CREDITS = 25	
	ASSESSMENT(T.W.)	= 50	CONTACT HRS/WK = 35-40	
Focus :	UNIVERSITY EXAMINATION (JURY/TIME PROBLEM/VIVA) = 50 Focus: To make students aware of and to inculcate a sense of appreciation in all the operations that take			
rocus .		ninary sketch design to the completion	•	
Contents:		te a minimum of sixteen-eighteen we		
	training in a registered architectural practice firm. They are required to participate in each activity of			
	the organization for a minimum period of one week.			
	Maintaining a weekly report file and recording their activities during training period in detail The			
	student is also expected to do case study of one project that he is associated with, during his training			
	■ **	include a complete documentation		
		nal aspects of the project. Details whi	•	
	Report File.	d in the study report, which must be	e submitted along with the weekly	
	·	work on preparation of Municipal	drawings, basic knowledge about	
	-	rk, marking of layout on site, sanitary	<u> </u>	
Method:		established private architect's office,		
	office related to architectur	ral work.		
		B.Arch-IV: SEMESTER VIII		
AD 2024	DECIGN STUDIO VIII	(1-0 5-18 \\/-0\	CREDITS -12	
AR 2801 DESIGN STUDIO - VIII (L=0,S=18,W=0) CREDITS =12				
INTERNAL	ASSESSMENT (TERM WORK)	=50	CONTACT HRS/WK =15	
INTERNAL		=50		
INTERNAL UNIVERSIT	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design	=50	CONTACT HRS/WK =15	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so	CONTACT HRS/WK =15 and the nature and character of	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) IY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of designs	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage.	contact HRS/WK =15 and the nature and character of ocio-economic and environmental	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line	contact HRS/WK =15 and the nature and character of ecio-economic and environmental and the nature and character of ecio-economic and environmental and the nature and character of ecio-economic and environmental	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and dopen spaces.	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) FY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and io-economic & cultural aspects and	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and open spaces. physical fabric of the settlement.	
INTERNAL UNIVERSIT Focus : Contents :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and 8	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and io-economic & cultural aspects and geo-physical attributes of the location	contact HRS/WK =15 and the nature and character of ecio-economic and environmental a, housing typology, transport and lopen spaces. physical fabric of the settlement.	
INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and 8 Housing design for a rapid	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and io-economic & cultural aspects and geo-physical attributes of the location ly urbanizing settlement in the vicinity	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and dopen spaces. physical fabric of the settlement. a. y or a sector of a large urban area.	
INTERNAL UNIVERSIT Focus : Contents :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and 8 Housing design for a rapid	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and io-economic & cultural aspects and geo-physical attributes of the location	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and dopen spaces. physical fabric of the settlement. a. y or a sector of a large urban area.	
INTERNAL UNIVERSIT Focus : Contents :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and 8 Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse deri	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and geo-physical attributes of the location ly urbanizing settlement in the vicinity ects of emergent design pattern of mands/requirements. Application	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and lopen spaces. physical fabric of the settlement. y or a sector of a large urban area. f settlement, synthesis of diverse	
INTERNAL UNIVERSIT Focus : Contents :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of danalysis of land use, grocirculation systems, form 8 Relationship between soc Influence of climate and gas Housing design for a rapid Analysis of multiple asper requirements.	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and geo-physical attributes of the location ly urbanizing settlement in the vicinity ects of emergent design pattern of mands/requirements. Application	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and lopen spaces. physical fabric of the settlement. y or a sector of a large urban area. f settlement, synthesis of diverse	
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INTERNAL UNIVERSIT Focus : Contents : Skills : AR2802	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and g Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse der and political issues in the	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and geo-physical attributes of the location ly urbanizing settlement in the vicinitients of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0,W=4)	contact Hrs/WK =15 and the nature and character of ocio-economic and environmental end open spaces. physical fabric of the settlement. y or a sector of a large urban area. f settlement, synthesis of diverse f social, environmental, economic CREDITS =02	
INTERNAL UNIVERSIT Focus: Contents: Stills: AR2802 INTERNAL	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form & Relationship between soc Influence of climate and & Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse der and political issues in the DESIGN SEMINAR ASSESSMENT(EXERCISES)	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and geo-physical attributes of the location ly urbanizing settlement in the vicinity ects of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0, W=4) = 50	contact HRS/WK =15 and the nature and character of ocio-economic and environmental a, housing typology, transport and lopen spaces. physical fabric of the settlement. a. y or a sector of a large urban area. f settlement, synthesis of diverse f social, environmental, economic	
INTERNAL UNIVERSIT Focus : Contents : Projects : Skills : AR2802 INTERNAL UNIVERSIT	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and 8 Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse der and political issues in the DESIGN SEMINAR ASSESSMENT(EXERCISES) TY EXAMINATION	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line & character of built- environment and ito-economic & cultural aspects and geo-physical attributes of the location ly urbanizing settlement in the vicinity ects of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0, W=4) = 50 = 50	contact Hrs/WK =15 and the nature and character of ocio-economic and environmental end open spaces. physical fabric of the settlement. y or a sector of a large urban area. f settlement, synthesis of diverse f social, environmental, economic CREDITS =02	
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INTERNAL UNIVERSIT Focus : Contents : Projects : Skills : AR2802 INTERNAL UNIVERSIT	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, gro circulation systems, form 8 Relationship between soc Influence of climate and g Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse der and political issues in the DESIGN SEMINAR ASSESSMENT(EXERCISES) TY EXAMINATION Theory, techniques and issues in the Definition and scope of Housing and States and S	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line character of built- environment and geo-physical attributes of the location ly urbanizing settlement in the vicinitients of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0, W=4) = 50 = 50 Sues in design of residential areas. Ousing, residential areas as a part of understanding settlements.	contact Hrs/WK =15 and the nature and character of ocio-economic and environmental economic experience	
INTERNAL UNIVERSIT Focus : Contents : Projects : Skills : AR2802 INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, grocirculation systems, form & Relationship between soc Influence of climate and & Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse deright and political issues in the DESIGN SEMINAR ASSESSMENT(EXERCISES) TY EXAMINATION Theory, techniques and issues of Housing and scope of Housing desidential Areas - Built-	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line & character of built- environment and ito-economic & cultural aspects and geo-physical attributes of the location ly urbanizing settlement in the vicinitients of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0, W=4) = 50 = 50 Sues in design of residential areas. Dusing, residential areas as a part of unform, Open spaces and Circulation, Inform, Open spaces and Circulation, Information of the control of th	contact Hrs/WK =15 and the nature and character of ocio-economic and environmental fabric of the settlement. In a sector of a large urban area. If settlement, synthesis of diverse environmental, economic environmental, economic environmental, economic experience environmental elements environmental environmental elements environmental environmental environmental elements el	
INTERNAL UNIVERSIT Focus : Contents : Projects : Skills : AR2802 INTERNAL UNIVERSIT Focus :	ASSESSMENT (TERM WORK) TY EXAMINATION (CRIT/TIME Housing Design Study of Housing designs user group, historical deve characteristics, issues of d Analysis of land use, grocirculation systems, form & Relationship between soc Influence of climate and & Housing design for a rapid Analysis of multiple asper requirements. Resolution of diverse deright and political issues in the DESIGN SEMINAR ASSESSMENT(EXERCISES) TY EXAMINATION Theory, techniques and issues of Housing and scope of Housing desidential Areas - Built-	=50 PROBLEM/ VIVA) =50 & Urban neighbourhoods to underst clopment and future growth trends, so density, land use, ground coverage. und coverage, density, building line & character of built- environment and ito-economic & cultural aspects and geo-physical attributes of the location ly urbanizing settlement in the vicinitients of emergent design pattern of mands/requirements. Application of shaping of settlements. (L=0, S=0, W=4) = 50 = 50 Sues in design of residential areas. Dusing, residential areas as a part of unform, Open spaces and Circulation, Inform, Open spaces and Circulation, Information of the control of th	contact Hrs/wk =15 and the nature and character of ocio-economic and environmental fabric of the settlement. In a sector of a large urban area. If settlement, synthesis of diverse environmental, economic environmental, economic environmental, economic experience environmental elements environmental environmental elements environmental environmental environmental environmental elements environmental environmental elements environmental elements environmental elements environmental elements environmental elements elements environmental elements environmental elements el	
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	Theories & approaches to re	esidential area, design issu	es in Housing.	
Method :	Basic information to be in fo		_	tions.
	Students are to examine vie	ws related to housing de	sign through assig	nments concluding with a
	seminar presentation.	_		_
AR 2803	BEHAVIOURAL SCIENCE	(L=2,S=0, W=0)		CREDITS =02
INTERNAL A	ASSESSMENT(TERM WORK /EX	ERCISES) = 50	C	ONTACT HRS/WK = 02
UNIVERSIT	Y EXAMINATION	= 50		
Focus:	(A) Developing an awar	eness of how social dimen	sions play an impo	ortant role in shaping Built
	Environment.			
	(B) To develop an awa	reness towards the Psycho	ological responses	created due to particular
	type of built enviror	nment.		
Content: (A) SOCIOLOGY				
	Essential elements of society	y – Bio - Socio – Cultural so	ocieties.	
	Characteristics of Human So	ciety.		
	Social Norms, their origin &	classification		
	Status & role, ascribed & Ac	hieved statuses, social este	em	
	Primary groups, and second	ary groups.		
	Family & its problems			
	Characteristics of Urban Soc			
	Process of Urbanization in Ir	ndia, Urbanization & Indust	rialization.	
	Social issues of Urban life.			
	(B) ENVIRONMENTAL P			
	Psychology - definition and s	· ·		
	Environmental Psychology, i	•		
	Types of environment; Built environment - factors contributing to its efficiency (colour, amb aspects, size and shape) personal variables effecting environmental psychology, furnishin			
	Personal space, Defensible space and Territoriality.			
	Housing - Single family and multi-family dwelling; behaviour in public housing areas.			
	Institutional buildings - ho	•	•	
	Offices- behaviour in workplaces: landscaped offices vs traditional office.			
	Environment as a source of		chitect.	
Method	Lectures, seminars, case-stu	dies		
			(, , , , , , , , , , , , , , , , , , ,	4DEDITS 40
	DVANCED CONSTRUCTION TECHN		(L=1,S=0,W=2)	CREDITS =02
	ASSESSMENT(TERM WORK /EX	•		CONTACT HRS/WK = 03
	Y EXAMINATION	= 50		
Focus:		struction of complicated b	-	
		ning and implementation o	of construction pro	jects
Content:	(A) CONSTRUCTION TEC			
	Geodesic forms. Shell struct		C	
	Long span structures / Light	weight structures - space	rrame,	
	Cable/ catenary structure	.:1.41:		
	Construction of High Rise Bu			
	Intelligent Buildings and aut	•		
	Building Engineering and sys	stern design		
	Passive buildings			
	Life safety concerns			
	Fire protection	ACNI T		
	(B) PROJECT MANAGEN	ILIN I		

	Nature of construction projects, need for proper planning and Management Processes and
	Equipment used.
	Techniques for scheduling : bar charts, Network diagram, project Evaluation and Review
	Techniques, Critical path Method.
	Practical implementation and application of PERT and CPM to typical construction projects.
B.O. a.b. a.al	Maintenance of records, bills and method of making payments.
Method:	Lecture based with series of exercises on various management techniques.
AD 2005 I	UCTORY OF (URBAN) TOWN DIAMANNO (FRICTIOS) (L. 2.C. 2.W. 2)
	SESSENTENT (TERMA MORK (EXERCISES) – FO. CONTACT LIPS (MK – 02)
	SSESSMENT(TERM WORK /EXERCISES) = 50 CONTACT HRS/WK = 02 EXAMINATION = 50
Focus :	To acquaint the students with the development in the field of Town Planning/Urban Design /
	Settlement design
Content :	History of Town Planning/Settlement design/Urban design. Theories and approaches.
	Examples of various historical experiments across the world.
	Developments in India from early times to the present day.
	Vedic Planning concept, Islamic planning, western planning.
	Role of Sir Patrick Geddess & others in planning processes
	Contemporary practices-evolution of sustainable, smart, resilient cities
	Role of Urban laws in city making. Development plan & its procedure.
Method:	The course is mainly intended to be lecture based, with case studies and illustrations.
	FRASTRUCTURE SERVICES (L=2, S=0,W=0) CREDITS =02
	SESSMENT(TERM WORK /ASSIGNMENTS) =50 CONTACT HRS/WK= 02
	XAMINATION (WRITTEN/ THEORY EXAM.) = 50
Focus :	Settlement Infrastructure Services
Content:	Water Supply for large scale settlement; including Rainwater harvesting.
	Supply systems, layout, intake units, and storage.
	Water purification & disinfection with spatial requirement for the same.
	Waste & Waste water handling.
	Types of wastes: storm water, garbage, sullage, sewage, Industrial wastes.
	Different types of drains and sewer, sewer appurtenances.
	Handling by septic tank and alternative methods.
	Sewage treatment works, treatment units and their spatial requirements. Sewage disposal by different method.
	Roads - types, alignment, width and carriage width of roads, shoulders, curves, superelevation,
	curbs etc.(Geometric Design).
	Parking spaces, rules & general requirements.
	Fire fighting-requirement for fire fighting, fire hydrants, their location & specifications.
	Lighting-arrangement of street lighting, density, spacing height etc., Location of transformer
	substation & their spatial requirements.
	Telecommunication-various modes of telecommunication, relevance with planning, and
	precautions to be taken while planning including spatial requirements.
Method :	Lectures, seminars, case studies
AE 2807 EL	ECTIVES -VII (L=0, S=0, W=3) CREDITS =02
	SESSMENT(TERM WORK /ASSIGNMENTS)=100 CONTACT HRS/WK= 03
Focus :	To help students in exploring their aptitudes and in developing skills in fields of their choice.
Content :	A number of subjects shall be offered depending on faculty availability.
	Students may register for any one of the offered courses for the semester.
	Courses that may be offered from time to time :

	T		
	AE 2808/1 – Architectural Journalisr	n	
	AE 2808/2 – Slum redevelopment		
	AE 2808/3 – Structures of Special bu	ıildings	
	AE 2808/4 – Digital Fabrication		
	AE 2808/5 – Product Design		
	AE 2808/6 – Sustainable Architectur	e	
	AE 2808/7 – Bio-mimetic Architectu	re	
	AE 2808/8 - Advanced Climatic desi	gn	
	AE 2808/9 – Artificial illumination	-	
	AE 2808/10- Advanced computer gra	aphics	
Method :	Portfolio and Project Submission.		
	B.Arcl	n-V: SEMESTER IX	
AR 2901	DESIGN STUDIO - IX	(L=0, S=21, W=0)	CREDITS = 15
INTERNAL A	SSESSMENT(T.W./PERIODIC REVIEW)	= 50	CONTACT HRS/WK = 21
UNIVERSITY	EXAMINATION (JURY/TIME PROBLEM/VIVA) = 50	
Focus :	To evaluate the ability of students to	deal with and resolve con	nplex issues into a valid expression of
	architectural character and contextu	ality. Focus is on the arc	hitecture for the collective design of
	Settlement level Institution/Housing/		_
Contents:		•	tailed analysis & study of a town/ or
	parts.	, ,	, , ,
	ļ ·	e urban fabric selected wi	thin a given town, with the intention
			overall conceptual development for
	the settlement.	merse projects mann or	overam conceptual acveropment for
		snects of the project- d	letailed design, control mechanisms,
	structure and materials, landscaping		retained design, control meenamisms,
Projects:	Projects could be of the following nat		
0,000.			n of core areas, new development etc.
Skills :	Reading urban fabric, urban analysis,		
		a. sa 8. apsa sp. sse	
AR 2902 [DESIGN SEMINAR	(L=0,S=0,W=4)	CREDITS = 02
	ASSESSMENT(T.W./PERIODIC REVIEW)		CONTACT HRS/WK = 04
		50	
Focus :	Theory, techniques and issues in desi		
Contents :	Brief history of Urban design, its scop	•	ncents principles and techniques
contents .	Theories and approaches of eminent	•	
	Structure and elements of urban area	-	
	Contemporary approARhes to urban	·	nt.
	Issues and aspects of urban design.	uesigii.	
Method:	·	s in a standard for the s	Design Chudie thusush lestumes and
wiethou:			Design Studio through lectures and
		_	existing literature by the student to
	· · · · · · · · · · · · · · · · · · ·	ind cases is the form of a	term paper which can be presented
	in a class seminar		
		/:	
	HESIS ORIENTATION	(L=1,S=3,W=0)	CREDITS = 03
	ASSESSMENT(T.W./PERIODIC REVIEW)		CONTACT HRS/WK = 04
	T	50	
Focus :	_		esearch based programme in order to
	design an architectural project invol	ving a set of complex issu	es.

Contents:	Nature and function of research, scientific research, meaning of research in the field of architectural
	design. Pure and applied research. Stages of research and design; design and research methodology
	Techniques of data collection Forms of research reporting, structure of a report Writing skills,
	presentation aids Use of primary and secondary references, bibliography, notations, cross reference
	etc. Nature of an undergraduate thesis, its structure and other requirements.
Method:	The course must be conducted as a mix of lectures/discussions with a number of assignments and
	exercises to impart the skills necessary for carrying out the dissertation. Preparation of a viable
	proposal for the next semester's dissertation work is expected by the end of the semester.
AR 2904 CO	NSERVATION (L=2,S=0,W=0) CREDITS = 02
	SSESSMENT(T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 02
	EXAMINATION = 50
Focus :	Conservation of historical monuments, buildings and sites.
Contents:	Architectural Conservation: Need and Importance of conservation of historical monuments,
	buildings. Urban Conservation: Identification of areas for conservation. Approaches and techniques.
	Landscaping, maintenance and management of conserved areas or buildings. Case studies from
	India and abroad. Restoration of old buildings - materials used, techniques and equipment.
	Deterioration and preventive measures. Funding agencies, NGOs, Government and other
	institutions involved in Conservation, Grading and Listing of Conservation property, Ethics of
	Conservation, Glossary of terms, Documentation, significance and types
Method:	Case studies, illustrations, assignments & presentation
	· · · · · · · · · · · · · · · · · · ·
AE 2905 EL	ECTIVES -VIII (L=0, S=0, W=3) CREDITS =03
INTERNAL ASS	SESSMENT(TERM WORK /ASSIGNMENTS)=100 CONTACT HRS/WK= 03
Focus	To help students in exploring their aptitudes and in developing skills in fields of their choice.
Content	A number of subjects shall be offered depending on faculty availability.
	Students may register for any one of the offered courses for the semester.
	Courses that may be offered from time to time :
	AE 2908/1 – Architectural Journalism
	AE 2908/2 – Slum redevelopment
	AE 2908/3 - Theatrics
	AE 2908/4 – Digital Fabrication
	AE 2908/5 – Product Design
	AE 2908/6 – Sustainable Architecture
	AE 2908/7 – Bio-mimetic Architecture
	AE 2908/8 - Advanced Climatic design
	AE 2908/9 – Artificial illumination
	AE 2908/10- Advanced computer graphics
Method	Portfolio and Project Submission.
	B.Arch-V: SEMESTER X
AR 21001 TH	HESIS (L=0,S=30,W=0) CREDITS = 20
INTERNAL AS	SSESSMENT(T.W./PERIODIC REVIEW) = 50 CONTACT HRS/WK = 30
	EXAMINATION (JURY/CRIT) = 50
Focus :	Inquiry by Design / Research
Contents:	The Thesis is intended to evaluate the student's capacity and maturity in the field of Architecture.
	Study in the chosen field to be carried out in two stages :
	A) Data collection & analysis
	- An in depth investigation into the aspects of the chosen area.
	, · · · · · · · · · · · · · · · · · · ·

- Analysis of data, inferences to establish underlying principles.
- Reviews of existing practices / theory in view of current contexts.
- B) Design / Research
- Prepare detailed programme
- Design or Research on basis of studies carried out in Part A

AR 21002 PROFESSIONAL PRACTICE

(L=2,S=0,W=0)

CREDITS = 02

INTERNAL ASSESSMENT(T.W./PERIODIC REVIEW) = 50
UNIVERSITY EXAMINATION = 50

CONTACT HRS/WK = 02

Focus : Creating an awareness of the role & responsibilities of an architect

Contents :

Role of an Architect, responsibilities and liabilities with respect to client and society. Duties, powers and functions. Architects Act 1972- aims, objectives, provisions for registration with Council of Architecture. Rules and regulations under the Act, Indian Institute of Architects and its role.

Professional work and scale of fees, mode of working and payments, phasing of projects etc. Architectural Competitions- need, procedures for conducting, rules and regulations etc. Arbitration - settling of disputes through arbitration, the Arbitration Act, procedures and method of working. Role of an architect as an Arbitrator. Valuation of properties - land and buildings, role of architects as approved valuers. Methods & Techniques for valuation. Tendering, contracts and articles of agreement, execution of contract, appointment of clerk of works, site supervisor, contractor and subcontractor etc. Office Management: Types of firms and legal implications. Accounts and Finance, procedures for loans. Maintaining office records. Office personnel and legal provisions regarding employees of small firms. Settling problems and disputes arising out of contract conditions extra

Method:

The course must be conducted as a mix of lectures/Expert Talks by practicing Architects on their approaches /discussions with a number of assignments and exercises.

AE 21003 ELECTIVES -IX

(L=0, S=0, W=3)

CREDITS =02

INTERNAL ASSESSMENT(TERM WORK /ASSIGNMENTS)=100

CONTACT HRS/WK= 05

Content

A number of subjects shall be offered depending on faculty availability.

Students may register for **any one** of the offered courses for the semester.

items variation in work quality, insurance and compensation of workers etc.

Courses that may be offered from time to time:

AE 21002/1 - Architectural Journalism

AE 21002/2 – Slum redevelopment

AE 21002/3 – Vernacular Architecture

AE 21002/4 – Alternative Building Technologies

AE 21002/5 – Interior Design

AE 21002/6 – Sustainable Architecture

AE 21002/7 - Bio-mimetic Architecture

AE 21002/8 - Advanced Climatic design

AE 21002/9 - Artificial illumination

AE 21002/10- Entrepreneurship

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