Re-Accredited 'B++' 2.86 CGPA by NAAC
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વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી
યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલ્લા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.
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–: પરિપત્ર :–

યુનિવર્સિટીની આર્કિટેકચર એન્ડ ડીઝાઈન વિદ્યાશાખા હેઠળના ડિપાર્ટમેન્ટ ઓફ આર્કિટેકચર અને સંલગ્ન કોલેજોનાં આચાર્યશ્રીઓને તથા વડાશ્રીને જણાવવાનું કે, શૈક્ષણિક વર્ષ ૨૦૨૨–૨૩ થી અમલમાં આવેલ B.Arch નાં અભ્યાસક્રમમાં NEP-2020 મુ જબ એકેડેમિક ક્રેડીટ સાથે Scheme of Examination નિયત કરવામાં આવેલ હોય આ સાથે સામેલ ગુણ તથા ક્રેડીટનાં માળખા પ્રમાણે જ પરીક્ષાલક્ષી કામગીરી કરવા આર્કિટેકચર એન્ડ ડીઝાઈન વિદ્યાશાખાનાં ડીનશ્રીએ વિદ્યાશાખા વતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ એકેડેમિક કાઉન્સિલની તા.૨૭/૦૨/૨૦૨૩ ની સભાનાં ઠરાવ ક્રમાંકઃ ૨ થી મંજૂર કરેલ છે. જેની આથી જાણ કરવામાં આવે છે, તદ્ઉપરાંત તેનો અમલ કરવો.

એકેડેમિક કાઉન્સિલની તા.૨૭/૦૨/૨૦૨૩ની સભાનાં ઠરાવ ક્રમાંકઃ૨

:: આથી ઠરાવવામાં આવે છે કે, શૈક્ષણિક વર્ષ ૨૦૨૨–૨૩ થી અમલમાં આવેલ B. Arch નાં અભ્યાસક્રમમાં NEP-2020 મુજબ એકેડેમિક ક્રેડીટ સાથે Scheme of Examination નિયત કરવામાં આવેલ હોય આ સાથે સામેલ ગુણ તથા ક્રેડીટનાં માળખા પ્રમાણે જ પરીક્ષાલક્ષી કામગીરી કરવા આર્કિટેકચર એન્ડ ડીઝાઈન વિદ્યાશાખાનાં ડીનશ્રીએ વિદ્યાશાખા વતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ સ્વીકારી મંજુર કરવામાં આવે છે.

ક્રમાંકઃએસ/બી.આર્ક./૫૨૦૫/૨૦૨૩
તા.૦૧/૦૩/૨૦૨૩

કુલસચિવ

પ્રતિ,

૧) આર્કિટેકચર એન્ડ ડીઝાઈન વિદ્યાશાખા હેઠળના ડિપાર્ટમેન્ટ ઓફ આર્કિટેકચર અને સંલગ્ન કોલેજોનાં આચાર્યશ્રીઓ.

..... આપશ્રીની કોલેજ/ડિપાર્ટમેન્ટના સંબંધિત શિક્ષકોને જાણ કરી અમલ કરવા સારૂ.

૨) અધ્યક્ષશ્રી, આર્કિટેકચર વિદ્યાશાખા,

૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

...તરફ જાણ તેમજ અમલ સારૂ.

SEMESTER - I Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
1		Basic Design- I	4	-	6	6	30	20	50	-	50	Jury	100

Emphasis: Developing visual literacy and basic expressional skills that involve the ability to perceive, abstract and create as a process of the design of objects and spaces.

Contents: Principles of 2D and 3D composition and introduction of basic terminologies related to it, Introduction to the Colour theories, Elements of Composition, Explorations of various materials and medias, developing visual literacy through the process oriented exercises and lateral thinking.

Projects: Compositions of positive and negative, 2D compositions based on geometrical forms and other objects. Design exercises for developing abstract reasoning, model making and volumetric compositions.

References:

1. Ching, Francis D. K. - Form, Space and Order
2. Rasmussen, Stein Eiler - Experiencing Architecture
3. Berger, John - Ways of Seeing
4. Kamiya Takeo - A Guide to the Architecture of the Indian Subcontinent
5. Corbusier, Le - Towards New Architecture
6. Gill, Robert - Rendering with pen and ink
7. --- - Art in everyday life
8. Ruskin, Eugene - Architecture: Scale and proportion
9. Gill, Robert - Basic Rendering
10. Ching, Francis D. K. - Graphics in Architecture
11. De Bono, Edward - Lateral thinking

SEMESTER - I Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
2		Architectural Design Studio - I	4	-	6	6	30	20	50	-	50	Jury	100

Emphasis: Developing basic skill of expressions that involve the ability to perceive, abstract and create the design of objects and spaces. Introduction to the principles and elements of 'Design'

Contents: Principles of 2D and 3D composition, human scale, abstractions, sensory stimuli as components of architectural design; Introduction to Architectural Terminology.

Projects: Space making and place making, theme based compositions, volumetric studies, area studies, Literature Review

References:

1. Ching, Francis D. K. - Form, Space and Order
2. Rasmussen, Stein Eiler - Experiencing Architecture
3. Berger, John - Ways of Seeing
4. Kamiya Takeo - A Guide to the Architecture of the Indian Subcontinent
5. Corbusier, Le - Towards New Architecture
6. Gill, Robert - Rendering with pen and ink
7. --- - Art in everyday life
8. Ruskin, Eugene - Architecture: Scale and proportion
9. Gill, Robert - Basic Rendering
10. Ching, Francis D. K. - Graphics in Architecture
11. De Bono, Edward - Lateral thinking

SEMESTER - I Marking Scheme (NEW)													
Sr. No	Subject	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
3		Building Materials and Construction - I	4	2	4	6	30	20	50	50	-	3 hours	100

Emphasis : Understanding of basic building materials, basic building components in construction, building systems and related construction technology.

Content:

- o Introduction to the various components of building like floors, roofs, openings, staircase etc.
- o Study of basic materials of construction such as sand cement lime aggregates; brick stone their structural & physical behaviour with respect to its properties & application in building.
- o Study of all the types of masonry in Brick and Stone construction
- o Study of brick masonry.
- o Understanding the concept of load bearing & framed structures & composite structures
- o Study of building components such as foundations, walls, floors, openings etc .in Load bearing & framed structures.
- o Forming of opening in various materials for the building types such as lintels arches etc.
- o Introduction of basic foundations strip, pad etc

Projects: Study through practical site visits, presentations, case studies & workshop based on the application of theory to construction field.

Reference:

1. Mackey W.L -Building Construction, Vol -I,II,III,
2. Arora S.P. & Bindra S.P. -Building Construction
3. Barry .R - The Construction of Building
4. Cowan Henry J -Handbook of Architectural Technology
5. Allen Edward -Fundamentals of Building Construction

SEMESTER - I Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
4		Architectural Graphics Skill - I	4	1	3	4	30	20	50	50	-	3 hours	100

Emphasis: Developing skills for representation of geometric forms and compositions as a tool of design. Developing skills for using Computer Aided Design Software's as a tool for design representation.

Contents:

Manual

Familiarization with drawing materials and equipments.

Construction, use and composition of different types of lines in drawing preparation.

Lettering and architectural abbreviations

Basic principles of geometry and its construction.

Orthographic projections of points, lines, planes and solids.

Understanding of multi-view drawing system.

Sections of solids

Computer

Familiarization with different Computer Aided Design software's, its use in Architectural Representation.

Application of principles of technical representation and Construction of Different types of lines, shapes, geometry & its compositions through software like AutoCAD.

Introduction to Software's like PowerPoint, Photoshop, Google Sketch up as useful tool to develop presentation skills.

References:

1. Leaseua, Paul: Graphic Thinking for Architects and Designers
2. Ching, Francis D. K. - Graphics in Architecture
3. Ching Francis D.K. -Design Drawing
4. Rendow Yee- Architectural Drawing
5. Bhatt, N. D. - Engineering Drawing
6. Architectural Drafting & Design-Alan Jefferis & David A. Madsen
7. Software User's Guide

SEMESTER - I Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme							Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration		
5		Sturctural Design System - I	2	2	-	2	30	20	50	50	-	2 hours		100

Emphasis : Forces - Force System - Equilibrium - Resultant

Contents :

1. Introduction:

Introduction Fundamental principles of Engineering Mechanics, Newton's laws of motion, aw of parallelogram of forces, principle of transmissibility, concept of rigid body, particle.

2. Natural forms :

Understanding Nature- a creative base for understanding structure, correlation between natural & manmade structure.

3. Forces :

Introduction to types of forces, Static loading, Time dependent loading, Impact loading, Cause & effect of various forces like Dead load, Imposed load, Wind load, Earthquake load, Hydrostatic load, erection force etc on building. Effect of physical form on load transfer i.e. Forces acting through point, distributed forces on line, & area.

4. Force systems :

Free body diagram, Resolution of forces into components, Types of force systems, concurrent, coplanar, nonconcurrent etc. forces in plane & space. Calculation of resultant for coplanar parallel & coplanar concurrent force system, calculation of moment.

5. Equilibrium:

Introduction to Equilibrium, Conditions of equilibrium for the coplanar parallel & coplanar concurrent force system, Types of supports, Determinacy, & Stability, Basic behaviour of elements in load transfer i.e. bending, torsion, shear, tension, compression etc.

6. Beam :

Introduction as a flexural element, simply supported, overhanging & cantilever beams, determinacy, calculation of Reaction at supports for beam, Application.

7. Truss :

Introduction, Types of truss, Analysis of a plane truss. Use of graphical method. Introduction to space truss, Application.

Project

1. Tutorial based on course contents.
2. Making of models based on- stability & load transfer concept.
3. Creative exercise based on course content.

Reference :

1. Bear & Johnston , " Vector mechanics for engineers- statics"
2. Desai & Mistry, "Engineering Mechanics, statics & Dynamics."
3. Junarkar & H.J. Shah, "Applied Mechanics."
4. Jeffery Cook, "Seeking structure from nature."

SEMESTER - I Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
6		Humanities - I	2	2	-	2	30	20	50	50	-	2 hours	100

Emphasis: Basic concepts of sociology; Social institutions and their roles; some social theories and perspectives on society

Contents:

- Introduction, Scope and Approaches to Sociology and its models - Evolutionism, Structural Functionalism, Conflict, Symbolic Interactionism
- The Family as a Social Unit
- Religion and Social Perspectives
- Urbanisation as A Social Phenomenon; development of cities, Impact, etc
- Social organizations - Typology, characteristics, structure, approaches like Classical, Determinist, Human Relational
- Theories of Social change like Evolutionism, Diffusionism, Functionalism, Conflict etc
- Social Stratification

Reference :

- Social processes - C. H. Cooley
- The social construction of reality - Berger and Luckman
- Society and Knowledge - Garden Child
- Mind, Self and Society - Margaret Mead
- Social change- William Ogburn

Elements of Social Organization - R Firth

- Cities in Evolution - Patrick Geddes

SEMESTER - I Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme							Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration		
7		Communication Skills - I	2	2	-	2	30	20	50	50	-	2 hours		100

Emphasis: Development of listening, oral and written skills; Styles and formats of written communication; introduction to alternative media like posters, collages; analyzing texts

Contents:

- Effective communication of ideas
- Formal and Informal styles of writing
- Critical appraisals of media messages, texts
- Preparation of some alternative media materials
- Note taking, summary and précis preparation
- Non verbal/body language in interpersonal communication

References:

1. Heaton, J.B. Language testing, Modern English Publications, 1982
2. Hedge, Tricia. Writing, Oxford University Press,1988
3. Saraswathi, V. Organised Writing, Orient Longman, 1979
4. Ur, Penny. Teaching Listening Comprehension, Cambridge University Press, 1984
5. Ur, Penny. Discussions that work, Cambridge University Press, 1991
6. Brown, G. and Yule, Effective Communication skills, Cambridge University Press, 1983

SEMESTER - I Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme							Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration		
8		Elective - I 1. Photography 2. Infographics 3. Workshop (wood, steel, POP, Clay, etc.) 4. Screen Printing 5. Sculpure 6. Leather printing	2	-	-	2	50	-	50	-	50	Jury		100

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
1		Basic Design- II	4	-	6	6	30	20	50	-	50	Jury	100

Emphasis: Introduction to the principles design like function and form, scale and proportions, colour and texture, materials and surfaces

Contents: Principles of Design, Application of colour theories and cycles, Study of various textures and colours with its inherent expressions and effects, Study of natural forms like leaf, shell, tomato etc., Application of various materials like Clay, Paper Mache, Timber, Steel etc, Application of various graphic techniques and development of abstract reasoning

Projects: Theme based compositions, volumetric studies, Literature Review
Theory of Design

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
2		Architectural Design Studio - II	4	-	6	6	30	20	50	-	50	Jury	100

Emphasis: Introduction to the fundamentals of architectural design like form, space, scale and proportions, functions and anthropometrics, structure and materials, sensory qualities and developing an understanding of architecture as a process of creating an integrated functional, structural and spatial system.

Contents: Anthropometric studies, human physiology and ergonomics, understanding of interrelationships of functions, Design parameters like spatial order, basic modulation, space-structure-form correlation, principles of abstractions, spatial scales, ordering mechanism, evolution of form.

Design parameters like site context, functional requirements and inter-relationships, environmental conditions, evolution of form based on structural modules. Structure as an ordering mechanism, resolution of built form with functional requirements as a major determinant.

Projects:

Part 1

Detailed Study of Anthropometrics, Small scale Space / volume design exercise, Design of small structures and spaces with specific functions, theme based compositions, volumetric studies, area studies, Literature Review.

Part 2

Design of a small space of uni-functional nature e.g. Cafe, Display gallery, etc. With relevant case studies, literature review, models as analytical tools.

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							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
3		Building Materials and Construction - II	4	2	4	6	30	20	50	50	-	3 hours	100

Emphasis: Understanding the construction technology involved in building components.

Content:

- o Study of basic materials of construction such as wood, metal, glass & plastic etc. their structural & physical behavior with respect to its properties & application in building.
- o Types of footings and shallow foundations.
- o Walls:

1. Different types of walls and their Construction details
2. Various types of wall finishes, like plastering, painting, cladding, jointing, & pointing etc and their applications.

- o Staircases:

1. Types & construction details of staircases in different materials.

- o Openings:

1. Different types of doors, windows, ventilations and skylights in different materials. and their operational and fixing details.

- o Types & details of building elements like weather shed, balcony, canopy & pergolas.
- o Study the various RCC construction equipment.
- o Study of joinery in timber & metal.

Projects: Study through practical site visits, presentations, case studies & workshop based on the application of theory to construction field.

Reference:

1. Mackey W.L -Building Construction, Vol -I,II,III,
2. Arora S.P. & Bindra S.P. -Building Construction
3. Barry .R - The Construction of Building
4. Cowan Henry J -Handbook of Architectural Technology
5. Allen Edward -Fundamentals of Building Construction

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
4		Architectural Graphics Skill - II	4	1	3	4	30	20	50	50	-	3 hours	100

Emphasis:

Developing skills for preparing two dimensional drawing set as a tool to represent the design.

Developing skills for 3-dimensional visualization of objects/buildings & it's representation on 2-D media.

Developing model making techniques through principles of solid geometry

Contents:

Manual

Developing skills for reading and perception of Architectural Drawings through study and drafting of ready drawing sets.

Developing measurement skills through measuring a small unit and preparation of measure drawing set for the same.

Introduction to rendering techniques and preparation of 2D Presentation drawings.

Introduction to Inking media.

3-D representation of solids through concepts of axonometric projections.

Surface development of solids and lateral surfaces in sections.

Use of development of surface technique to create models.

Computer

Introduction to Computer Aided Design Softwares such as Auto CAD useful to prepare 2D technical as well as 3D and presentation drawings.

References:

1. Leaseua, Paul: Graphic Thinking for Architects and Designers
2. Ching, Francis D. K. - Graphics in Architecture
3. Ching Francis D.K. -Design Drawing
4. Rendow Yee- Architectural Drawing
5. Bhatt, N. D. - Engineering Drawing
6. Architectural Drafting & Design-Alan Jefferis & David A. Madsen
7. Software User's Guide

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				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
5		Sturctural Design System - II	2	2	-	2	30	20	50	50	-	2 hours	100

Emphasis : Simple Stress - strain, Shear force & Bending moment diagram

Contents :

1. Simple stresses & strain :

Introduction, behaviour of material under loading, stress & strain due to axial force, Hook's law, working stress, Ultimate stress, factor of safety, permissible stress, lateral strain,.

2. Shear force & Bending moment diagram for Determinate Beams :

Introduction to shear force, bending, calculation of Shear force & bending moment for beams subjected to various types of load combination i.e. point load, distributed load with various support condition like simply supported, overhanging, Cantilever etc. Relationship between bending moment & shear force diagram, Determination of point of contra flexure, Application of Shear force & bending moment diagram.

3. Shear force & Bending moment diagram for Determinate & indeterminate

Plane Frame & Arches :

Behaviour of Statically determinate & Indeterminate plane frames subjected to gravity & lateral load. Basic understanding of shear force & bending moment diagram for the same. Behaviour of three hinges & two hinge Arch under point load & uniformly distributed force. Understanding of Bending moment diagram for Arches.

4. Distributed forces :

Determination of Centroid, Calculation of Centre of gravity for line & area element, calculation of Moment of inertia of area element, use of parallel axis theorem.

Project Tutorial based on course contents.

Reference :

1. Junarkar & H.J. Shah, "Mechanics of structures, vol - I & II."
2. E.P. Popov, "Mechanics of materials."
3. R.K. Bansal, "A text book of strength of materials."
4. R.S. Khurmi, "Strength of materials."
5. S. Ramamrutham, "Strength of materials."
6. Desai & Mistry, "Engineering Mechanics, statics & Dynamics."

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
6		Humanities - II	2	2	-	2	30	20	50	50	-	2 hours	100

Emphasis:

1. To introduce students to elementary & basic concepts in psychology.
2. To help develop an interest in understanding societal attitudes to art, architectural forms.
3. To familiarize students with current theories of social behavior.

Contents:

Conceptual approaches, Scope & Methods of psychology.
Perception, Perceptual constancies and Awareness
Personality, types and its Assessment
Human Motivation & Emotion
Conflict, Adjustment and Mental health
Attitude, Aptitude & Intelligence

References:

Allport, F.H., Social Psychology , Houghton Miflin, 1992
Carterette, E.C., and Friedman, M.P. (eds) Handbook of Perception , Academic Press, 1974
Hilgard, Ernest, and Atkinson, Richard, Introduction to Psychology, Oxford & IBH , 1975

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
7		Communication Skills- II	2	2	-	2	30	20	50	50	-	2 hours	100

Emphasis: This elective aims to equip students with communication skills based on modern communicative methods. Situational practice will be given. A combination of faculty lectures, situational practice, student presentations will comprise class activities.

Contents:

Technical Communication and General Communication.

Verbal and non-verbal communication (kinesics). Components of Non-verbal Communication, Barriers to effective communication, (Noise in oral and written communication) Communication across cultures.

o Effective presentation strategies.

Defining purpose, analysis of audience and locate, organizing contents. Preparing an outline of the presentation. Visual aids, nuances of delivery, Body language and effective presentation.

o Interviews

Introduction, General preparations for an interview, Types of questions generally asked at the interviews. Types of interviews, Importance of nonverbal aspects.

o Group Discussions

Introduction, Group discussions as a part of the selection process, guidelines for group discussion. Role functions in group discussion.

o Paragraph Development,

Introduction, Topic sentence and supporting sentences. Attributes of a good paragraph. Types of paragraphs.

o Effective Reading Skills

Purpose of reading, skimming and scanning. Tips for improving comprehension skills.

o Grammar and Vocabulary

Tense and the concept of Time. Passive Voice, Conditionals Prepositions, Concord. Idioms, Confusables, one-word substitutes, homonyms, homophones

References :

o Krishna Mohan and Meera Banerji, "Developing Communication skills", Mc.Millan Co., Publication. 1990

o N. Krishnaswami and T. Sriram, "creative English for Communication", Mc.Millan Co., Publication. 1992.

o Meenakshi Raman and Sangeeta Sharma, Technical Communication; Principles and Practice, Oxford University Press.

SEMESTER - II Marking Scheme (NEW)													
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva (20%)	Total	Theory	Jury / Viva	Duration	
8		Elective - II 1. Photography 2. Infographics 3. Workshop (wood, steel, POP, Clay, etc.) 4. Screen Printing 5. Sculpure 6. Leather printing	2	-	-	2	30	20	50	-	50	Jury	100

1. Photography:

Emphasis

- To create understanding and scope of professional use of photography techniques explore the potential application in field of architecture
- Use of different media and techniques as tools to develop visual and perceptual skills to develop observation and representation through camera.

Contents

- Introduction to various types of cameras, lenses, filters and equipments
- Use and importance of shutter speed, aperture, field of depth
- Importance of framing composition and frames of reference
- Various types of photography such as nature, architecture, product, object, model, interior, urban, landscape etc
- Presentation and display of the photographs, printing and developing
- Use of computer tools, software for photographic presentation

Projects

On-site photography of an object, material, space, building, landscape, to understand the above theory.

References

- Adrian Holloway (1981) The Handbook of Photographic equipment and techniques. Pan Macmillan
- Amphoto (1980) Photo topics and techniques. Eastman Kodak Company
- Beaumont and Nancy Newhall (1958) Masters of Photography. New York, George Braziller Inc
- Joseph W Molitor (1976) Architectural Photography. John Wiley and Sons Inc.
- Julian Calden and John Garrett (1999) The 35 mm Photograph Handbook. Pan Books

2. Infographics

Emphasis:

Develop visual esthetics and style.

Content:

Introduction to fundamentals of Graphic Design. Developing basic visual problem-solving and conceptual development skills and awareness.

Projects:

working with various mediums to express simple concepts in graphical form. Analyzing presentation techniques of master architects and incorporating them in design.

SEMESTER - I Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme							Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous	Jury / Viva/Theory Exam(20%)	Total	Theory	Jury / Viva	Duration		
1		Basic Design- I	4	-	6	6	30	20	50	-	50	Jury		100
2		Architectural Design Studio - I	4	-	6	6	30	20	50	-	50	Jury		100
3		Building Materials and Construction - I	4	2	4	6	30	20	50	50	-	3 hours		100
4		Architectural Graphics Skill - I	4	1	3	4	30	20	50	50	-	3 hours		100
5		Sturctural Design System - I	2	2	-	2	30	20	50	50	-	2 hours		100
6		Humanities - I	2	2	-	2	30	20	50	50	-	2 hours		100
7		Communication Skills - I	2	2	-	2	30	20	50	50	-	2 hours		100
8		Elective - I 1. Photography 2. Infographics 3. Workshop (wood, steel, POP, Clay, etc.) 4. Screen Printing 5. Sculpure 6. Leather printing	2	-	-	2	50	-	50	-	50	Jury		100
		Total	24			30								800

SEMESTER - II Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous	Jury / Viva/Theory Exam(20%)	Total	Theory	Jury / Viva	Duration	
1		Basic Design- II	4	-	6	6	30	20	50	-	50	Jury	100
2		Architectural Design Studio - II	4	-	6	6	30	20	50	-	50	Jury	100
3		Building Materials and Construction - II	4	2	4	6	30	20	50	50	-	3 hours	100
4		Architectural Graphics Skill - II	4	1	3	4	30	20	50	50	-	3 hours	100
5		Sturctural Design System - II	2	2	-	2	30	20	50	50	-	2 hours	100
6		Humanities - II	2	2	-	2	30	20	50	50	-	2 hours	100
7		Communication Skills- II	2	2	-	2	30	20	50	50	-	2 hours	100
8		Elective - II 1. Photography 2. Infographics 3. Workshop (wood, steel, POP, Clay, etc.) 4. Screen Printing 5. Sculpure 6. Leather printing	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							800

SEMESTER - III Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous	Jury / Viva/Theory Exam(20%)	Total	Theory	Jury / Viva	Duration	
1		Architectural Design Studio - III	8	2	8	10	30	20	50	-	50	Jury	100
2		Building Materials and Construction - III	4	2	4	6	30	20	50	50	-	3 hours	100
3		Sturctural Design System - III	2	2	2	4	30	20	50	50	-	2 hours	100
4		Enviromental science- I	2	2	-	2	30	20	50	50	-	2 hours	100
5		Survey and Leveling	2	1	1	2	30	20	50	50	-	2 hours	100
6		History of Architecture - I	2	2	-	2	30	20	50	50	-	2 hours	100
7		Building Services - I	2	2	-	2	30	20	50	50	-	2 hours	100
8		Elective - III 1. Creative writting 2. Art Apriciation 3. Indic studies 4. Vastu shastra 5. IPDC : Integrated personality development Course 6. Vernacular Architecture	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							800

SEMESTER - IV Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous	Jury / Viva/Theory Exam(20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Design Studio - IV	8	2	8	10	30	20	50	-	50	Jury	100
2		Building Materials and Construction - IV	4	2	2	4	30	20	50	50	-	3 hours	100
3		Sturctural Design System - IV	2	2	2	4	30	20	50	50	-	2 hours	100
4		Enviromental science- II	2	2	-	2	30	20	50	50	-	2 hours	100
5		Computer application - I	2	1	3	2	30	20	50	50	-	2 hours	100
6		History of Architecture - II	2	2	-	2	30	20	50	50	-	2 hours	100
7		Building Services - II	2	2	-	2	30	20	50	50	-	2 hours	100
8		Elective - IV 1. Creative writting 2. Art Apriciation 3. Indic studies 4. Vastu shastra 5. IPDC : Integrated personality development Course 6. Vernacular Architecture	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							800

SEMESTER - V Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Design Studio - V	8	2	10	12	30	20	50		50	Jury	100
2		Building Construction and Services	4	4	2	6	30	20	50	50	-	2 hours	100
3		Sturctural Design System - V	2	2	2	2	30	20	50	50	-	2 hours	100
4		Behaviour science- II	2	2	-	2	30	20	50	50	-	2 hours	100
5		Estimation & Costing	2	2	-	2	30	20	50	50	-	2 hours	100
6		History of Architecture - III	2	2	-	2	30	20	50	50	-	2 hours	100
7		Theory of Design	2	2	-	2	30	20	50	50	-	2 hours	100
8		Elective - V 1. BIM 2. Comp. Design 3. Visulization Application 4. Valuation 5. Film Appreciation 6. Building performance & Compliances 7. Foregine Language (Spanish/Greek/French)	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							800

SEMESTER - VI Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Design Studio - VI	8	2	10	12	30	20	50		50	Jury	100
2		Advanced Building Construction	4	4	2	6	30	20	50	50	-	2 hours	100
3		Project Management	2	2	-	2	30	20	50	50	-	2 hours	100
4		Professional Practice - I	2	2	-	2	30	20	50	50	-	2 hours	100
5		Building By-Laws	4	4	-	4	30	20	50	50	-	2 hours	100
6		History of Architecture - IV	2	2	-	2	30	20	50	50	-	2 hours	100
7		Elective - V 1. BIM 2. Comp. Design 3. Visulization Application 4. Valuation 5. Film Appreciation 6. Building performance & Compliances 7. Foregine Language (Spanish/Greek/French)	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							700

SEMESTER - VII Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B				
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Practical Training	24	-	-	-	-	-	-	-	-	Jury	100
		Total	24	-	-	-	-	-	-	-	-	-	100

SEMESTER - VIII Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Design Studio - VIII	10	4	10	14	30	20	50		50	Jury	100
2		Hi-Tech Structures and Performance Analysis	4	2	2	4	30	20	50	50	-	2 hours	100
3		Site Planning & Landscape	2	2	2	4	30	20	50	50	-	2 hours	100
4		Professional Practice - II	2	2		2	30	20	50	50	-	2 hours	100
5		Town Planning	4	2	2	4	30	20	50	50	-	2 hours	100
6		Elective - V 1. Conservation 2. Disaster Managment 3. Barrier free Architecture 4. Sustainable Architecture 5. Internationalism in Architecture	2	-	-	2	30	20	50	-	50	Jury	100
		Total	24			30							600

SEMESTER - IX Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (40%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Design Studio - IX	10	4	10	14	30	20	50	-	50	Jury	100
2		Research methods & Technical writing	4	4	-	4	30	20	50	50	-	2 hours	100
3		Building Economics & Real Estate	4	2	2	4	30	20	50	50	-	2 hours	100
4		Urban Design (Seminar)	2	-	4	4	30	20	50	-	50	Jury	100
5		Elective - IX (A) 1. Foregin Language 2. Temple ARchitecture 3. Ecology & Architecture 4. Architecture and Local Economy Development 5. Expressionism in Architecture 6. Iconic Architecture 7. Futuristic Architecture	2	-	2	2	30	20	50	-	50	Jury	100
6		Elective - IX (B) 1. Foregin Language 2. Temple ARchitecture 3. Ecology & Architecture 4. Architecture and Local Economy Development 5. Expressionism in Architecture 6. Iconic Architecture 7. Futuristic Architecture	2	-	2	2	30	20	50	-	50	Jury	100
		Total	24			30							600

SEMESTER - X Marking Scheme (NEW)														
Sr. No	Subject Code	Subjects	Credit	Contact hours /week			Examination Scheme						Total (A+B) = C
							Internal (50%) A			External (50%) B			
				L/T (Hours)	S/W/P (Hours)	Total Hours/ week	Term work / Continous (30%)	Jury / Viva/Theory Exam (20%)	Total	Theory	Jury / Viva/ Practical	Duration	
1		Architectural Dissertation	24		30		30	20	50		50	Jury	100
		Total	24			30							100