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# SHIVAJI UNIVERSITY, KOLHAPUR.

Revised Syllabus of

**( F.Y. B. Arch Sem –I & II )**

To be introduced from the academic year 2010-11  
(i.e. from June 2010 ) Onwards

(Subject to the modifications will be made from time to time)

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**STRUCTURE OF FIRST SEM. B. ARCH.**

Sr. No	Subject Code	Title of Subject	Teaching scheme periods per Week			Examinations Scheme				
			Lecturer	Studio	Total	Durations (Hrs)	Theory Mark	Sessional Work (Int)	Oral Ext.	Total
01	AR01-01	Aesthetics & Visual Arts - I	1	4	5	-	-	100	-	100
02	AR01-02	Graphics - I	1	4	5	-	-	50	50	100
03	AR01-03	Architectural Design - I	1	7	8	-	-	100	-	100
04	AR01-04	Human settlement & History of Civilization - I	2	-	2	02	50	50	-	100
05	AR01-05	Building Construction & Material - I	2	4	6	02	50	50	50	150
06	AR01-06	Theory of Structure - I	4	-	4	03	75*	25*	-	100
07	AR01-07	Workshop - I	-	3	3	-	-	50	-	50
08	AR01-08	Communication Skills - I	2	-	2	-	-	50	-	50
09	AR01-09	Computer Technology in Architecture - I	1	2	3	-	-	50	-	50
Total			14	24	38	--	175	525	100	800

\*Means combine passing for Sem.I paper & Sessional work (Int.)

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**STRUCTURE OF SECOND SEM. B. ARCH.**

Sr. No	Subject Code	Title of Subject	Teaching scheme periods per Week			Examinations Scheme				
			Lecturer	Studio	Total	Durations (Hrs)	Theory Mark	Sessional Work (Int)	Oral Ext.	Total
01	AR02-01	Aesthetics & Visual Arts - II	1	4	5	-	-	100	-	100
02	AR02-02	Graphics - II	1	4	5	03	100	50		150
03	AR02-03	Architectural Design - II	1	7	8	-	-	100	100	200
04	AR02-04	Human settlement & History of Civilization - II	2	-	2	02	50	50	-	100
05	AR02-05	Building Construction & Material - II	2	4	6	03	100	50	100	250
06	AR02-06	Theory of Structure - II	4	-	4	03	75*	25*	-	100
07	AR02-07	Workshop - II	-	3	3	-	-	50	-	50
08	AR02-08	Communication Skills - II	2	-	2	-	-	50	-	50
09	AR02-09	Computer Technology in Architecture - II	1	2	3	-	-	50	-	50
Total			14	24	38	--	325	525	200	1025

\*Means combine passing for Sem. paper & Sessional work (Int.)

[Note :- Examination scheme and term work marks strictly as per above structure]

# SHIVAJI UNIVERSITY, KOLHAPUR

## SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE

(AR 1 -01)

SUBJECT: AESTHETICS AND VISUAL ARTS – I

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	100
Studio	-	60	Duration	-	-	Oral (Ext.)	-	-
Total	-	75				Theory	-	-
						Total	-	100

OBJECTIVE: To give an artistic orientation to the students to develop fundamental artistic skills.

- Aesthetics as part of LIFE, relation of all fine arts like painting, sculpture, music dance etc. to each other in every day life ,beauty in human activities and movements, good ,mediocre and bad taste expression of Artists personality.
- Understand and relationship of surface from space masses, point, line, light, and shade, aesthetics in motion, sound, touch and smell. Aesthetics as part of mind.
- Colour theory, colour circle, various colour schemes and their combinations, general psychological effects of colours.
- Elements of design such as line, form & shape, colour & texture, patterns etc.

(AR 1-02)  
**SUBJECT: GRAPHICS - I**  
 SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	50
Studio	-	60	Duration	-	-	Oral (Ext.)	-	50
Total	-	75				Theory	-	-
						Total	-	100

The purpose of this subject is to develop ability to present all the elements of design in graphic forms to enhance the potential of a student in presenting concepts and ideas in terms of drawing using different techniques.

- Introduction of drawing instruments such as drawing board set-squares tee-square french curve, stencils, different types of pencils and pens and their uses.
- Lettering, size and notation of drawing, symbolic representation of building elements and material, other features as per I.S.I and standard practice.
- Introduction of various media of drawing and presentation such as pencil, charcoal crayon, water colour, sketch pens, inks etc. and exercise using all these media.
- Freehand sketching using different media mentioned above.
- Scale drawing, construction of various metric scales, normally used scale, use of metric scale for various purposes.
- Introduction and understanding of plain elevation and section.
- Measured drawing of small objects, such as building elements, pieces of furniture and small built forms.
- Solid geometry to explain the need of solid geometry in architectural drawings such as techniques of presenting three dimensional drawing into two dimensional objects. Exercise involving geometrical forms, presented in different positions of individual object and then in group.
- Principles of orthographic projection, projection on points, lines, planes, solids.

(AR 1-03)

**SUBJECT: ARCHITECTURE DESIGN I**

SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	100
Studio	-	105	Duration	-	-	Oral (Ext.)	-	-
Total	-	120				Theory	-	-
						Total	-	100

- What is architecture and what does an architect do? Scope of this activity. Types of services rendered by an Architect.
- Application of elements of design to achieve design principles and in creative work.
- Approach to Design as a continuous process through Aesthetics, function and Technology (construction) Basic components of a building and their functions.
- Principal of Design with reference to function, various activities and related spaces. Data collection, Environments, climate, orientation, site conditions, Circulation.
- Study of basic human Needs, Various requirements, standard measurements of Human activities and allocation of Spaces.
- Study & comparison of single units like living spaces, sleeping and cooking spaces, stalls, bus-stops, telephone booths etc. detailed design of single room for simple function, showing relationship with adjoining areas for other activities not more than 25 sq. mtrs.
- Role of interior design in planning and Architecture

(AR 1 – 04)

SUBJECT : HUMAN SETTLEMENT AND HISTORY OF  
CIVILISATION - I

SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE

Lectures	- 30	Paper	- 1	Sessional Work(Int.)	- 50
Studio	- -	Duration	- 2 hrs.	Oral (Ext.)	- -
Total	- 30			Theory	- 50
				Total	- 100

**Note:** Internal marks should be based on tutorials.

- The study of this is intended to understand the process of evolution and development in social, economical and cultural environment of man with emphasis on establishing their direct relationship with Architecture.
- Brief history of evolution of human settlement from ancient times today in Western countries and ancient India.  
Following topics should be covered
  1. Settlement in prehistoric period
  2. Civilization of Fertile Crescent Mesopotamia.
  3. Greek civilization
  4. Roman civilization
  5. Ancient Indian civilization – Mohanjo-daro Vedic period.
  6. Buddhist culture in India.
  7. Rise of Islam in mid Asia.
- Man and environment: Biological and behavioral responses to metropolitan to human settlements design with natural and built environments.
- Settlements in villages and in small, medium and large towns, metropolitan cities, their characteristics and relationship for industrial, educational, cultural and religious activities etc.
- Introduction to scope of term “Culture and Civilization” and their dialogue with architecture.

( AR- 1-05)

**SUBJECT:- BUILDING CONSTRUCTION AND MATERIAL – I**  
**SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE**

Lectures - 30	Paper - 1	Sessional Work(Int.) - 50
Studio - 60	Duration - 2 hrs	Oral (Ext.) - 50
Total - 90		Theory - 50
		Total - 150

Marks weightage: Materials 25%,construction 75%

Note : For theory exams,Separate sections for materials and construction should be allotted ( Materials 25%,construction 75% )

External examination (oral) will be conducted by the university.

**MATERIALS :**

- Soil : Different types and their origin, Physical properties and effect of weather, water, temperature etc. on different soil types, bearing capacity of commonly met soil and their role in building foundations, angle of repose ( introductory only)
- Brick : Composition of earths, standard market and I.S.I. size properties as per I.S.I. Brick manufacturing Processes, sun dried brick, special types of bricks, Different uses of brick in construction.
- Sand : Pit, river sea sand, gravel, I.S.I. standards use in mortar and concrete, bulk age of stand, impurities in sand their removal, different grades of sand with respective size and their application I.S.I. standard uses in construction

**CONSTRUCTION :**

General introduction: structure load bearing structure

Foundation: simple foundation for masonry load bearing walls, piers pillars; in brick and stones load bearing foundation; foundation in black cotton soil; masonry retaining wall.

Superstructure

Brick masonry: tools and equipments bonding and its principles; types of brick like headers stretchers king and queen closer etc and their use, English and Flemish bond in straight line for stopped end, corner tee and cross junctions up to thickness on two brick thick wall and its combinations; attached and detached piers, buttresses, pilasters, brick on edge wall, sundried brick construction in mud mortar, soil-cement block, expansion joint in masonry compound wall.

Stone masonry : various types of stone dressing, various types stone joint such as plain, beveled, rebated dowel, clamp joint monolithic construction of columns, quoins, header bond of through stones, various types of stone masonry

such as ashlar and rubble with their different types, composite wall in brick and stone, compound walls.

Lintels and Chajjas.

Hollow, solid concrete block wall.

Brick and stone paving

Finishes: plastering, sand faced, neeru finish and other finishing types, various types of pointing. Use of scaffolding, single and double scaffolding for masonry work, bamboo, timber and tubular scaffolding.

#### REFERENCE BOOKS:

ENGG.MATERIALS – K.S.RANGWALA

ENGG.MATERIALS – B.K.AGARWAL

BUILDING.MATERIALS – S.K.DUGGAL

BUILDING CONSTRUCTION TECHNOLOGY –R.CHUDLEY

BUILDING CONSTRUCTION –SUSHIL KUMAR

BUILDING CONSTRUCTION –W.B.MACKAY

BUILDING CONSTRUCTION –BINDRA ARORA

**(AR-1-06)**  
**SUBJECT : THEORY OF STRUCTURE –I**  
**SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE**

<b>Lectures - 60</b>	<b>Paper -1</b>	<b>Sessional Work(Int.) - 25 *</b>
<b>Studio - ---</b>	<b>Duration - 3Hrs.</b>	<b>Oral (Ext.) - --</b>
<b>Total - 60</b>		<b>Theory - 75*</b>
		<b>Total - 100</b>

**Note:** The passing in this subject requires min. 40% marks for theory paper , 50% for internal assessment and combined 50% of Total internal and theory paper.

- Introduction: aim and object, scope of study.
- Concept of simple load bearing, framed structure & composite structure.
- Loads : Dead load, live load, wind load, snow load, seismic load , conceptual idea and their impact on building as a whole, relevant IS Code.
- Force: definition, characteristics and classification of forces. System of forces, composition and resolution of forces. Resultant and equilibrant of coplanar concurrent and non concurrent force systems by analytical & graphical method.
- Moments: moment of force, moment of couple, effect of couple, concept of static equilibrium. Lami's theorem, Equations of static equilibrium, free body diagram.
- Support reactions: Types of beams, Loading and support conditions and their significance.
- Friction: Types of friction, laws of dry friction, problems on block, wedge and ladder.

**Sessional work:** Minimum Six assignments based on above topics.

**REFERANCE BOOKS:**

1. Engineering Mechanics – RK Bansal and Sanjay Bansal , Laxmi publications, New Delhi.
2. Engineering Mechanics - F.L. Singer, Harper Collins publications.

**(AR- 1-07)**  
**SUBJECT:- WORKSHOP – I**  
**SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE**

Lectures	- -	Paper	- -	Sessional Work(Int.)	-	50
Studio	- 45	Duration	- -	Oral (Ext.)	-	-
Total	- 45			Theory	-	-
				Total	-	50

- Introduction of masonry tools.
- Demonstration of brickwork, stonework, demonstration of plaster and textured finishes. i) Mud ii) Cement iii) Lime.
- Study tours to sources of local building materials and to local building under construction to study their actual use.
- Models for basic design and Architecture design studio work.
- Introduction to modeling with paper, paper board, plastics, plaster of Paris, wood and clay.
- Basic model making technique, different types of material and their techniques.
- Introduction to modeling with paper, paper board, plastics, plaster of Paris, wood and clay.

**(AR- 1-08)**  
**COMMUNICATION SKILLS - I**  
 SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE

Lectures	-	30	Paper	-	-	Sessional Work(Int.)	-	50
Studio	-	-	Duration	-	-	Oral (Ext.)	-	-
Total	-	30				Theory	-	-
						Total	-	50

**1) Communication**

- Introduction to Communication  
 Definition, need & importance  
 Process of Communication
- Types of Communication  
 Forms of Communication  
 Barriers to Communication

**2) Techniques of Communication**

- A) Verbal Communication: Techniques of GD & Interview
- B) Non-Verbal Communication: Body Language

**3) Essay Writing**

- Descriptive (Current Topics)

**4) Rapid Review of Grammar**

- Tenses
- Active/Passive voice
- Direct –Indirect
- Affirmative, Negative , Assertive , Exclamatory ,Interrogative.
- Q-Tag, Remove “too”

**5) Correction of Common Errors**

Note : The internal marks will be based on tutorials and individual performance.

**(AR- 1-09)**

**SUBJECT: COMPUTER TECHNOLOGY IN ARCHITECTURE -1  
SYLLABUS FOR FRIST SEM - ARCHITECTURE DEGREE COURSE**

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	50
Studio	-	30	Duration	-	-	Oral (Ext.)	-	-
Total	-	45				Theory	-	-
						Total	-	50

**MICROSIFT WINDOWS**

- Introduction to windows use and importance
- Comparison with dos application
- Use of pointing devise style types parts of windows.
- Concept of dialogue boxes
- Window application
- Concept of tab work in windows.
- Concept of data interchange

# SHIVAJI UNIVERSITY, KOLHAPUR

SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE

(AR 2 -01)

SUBJECT: AESTHETICS AND VISUAL ARTS- II

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	100
Studio	-	60	Duration	-	-	Oral (Ext.)	-	-
Total	-	75				Theory	-	-
						Total	-	100

**OBJECTIVE :** The purpose of this subject is to create awareness about principle of good design to develop good aesthetic taste understand of Architecture and different fine arts and their application to study the principle of arts and their examples as seen in familiar day to day objects works of arts and architecture , interior design , house design, advertising, city planning etc. In each of these fields, one works with the sizes, shapes, colours and texture etc. which are created and arranged in accordance with the principles of aesthetics.

- Study of texture.
- Definition of design, functional and decorative design requirements of good design. Principle of design such as harmony & unity, proportions, contrast, scale, balance, rhythm, emphasis expression and character.
- Composition of group of objects, forms positive and negative spaces.
- Approach to Architecture and design and space.
- Planning for different activities building for them.
- Function – planning from in side out
- Forms development from the above.

The sessional work shall consist of study of models photographs.

Project report writing and seminar on any one selected project based on this subject

(AR 2-02)  
**SUBJECT: GRAPHICS II**  
SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE

Lectures - 15	Paper - 1	Sessional Work(Int.) - 50
Studio - 60	Duration - 3 hrs.	Oral (Ext.) - -
Total - 75		Theory - 100
		Total - 150

**OBJECTIVE :**

To introduce the students to the fundamental techniques of Architectural drawings and to enhance their visualization skills.

**PART -I**

- Isometric and Axonometric projections.
- Interpenetration of geometric solids, forms and section of solids.
- Surface development of simple and complex objects.

**PART -II**

- Application of subject Computer – I in Graphics – I  
Drafting of measured building elements / small building units using computer.  
Isometric and axonometric views using computer.

(AR -2.03)

**SUBJECT: ARCHITECTURE DESIGN II**

SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE

Lectures - 15	Paper - -	Sessional Work(Int.) - 100
Studio - 105	Duration - -	Oral (Ext.) - 100
Total - 120		Theory - -
		Total - 200

- Structure, types of structures and structures techniques
- Elementary, climatology and orientation
- Architecture as one of the visual arts and its inter-relationship with other arts.
- Conceptual sketches developments of above principles and disciplines.
- At the end of year the students should take review of his study of the subject and prepare summary sheet to explain the knowledge gained.
- Design problems dealing with planning for activities such as individual living, units shops, stalls, snacks bars, unilevel activities with three to four functions of total area up to 80 sq. mtrs .
- The students should be encouraged to collect their own data experiments and try various alternative before reaching final solution and should also be encouraged to express their ideas with the help of different media and materials.

(AR- 2 – 04)

SUBJECT : HUMAN SETTLEMENT AND HISTORY OF  
CIVILISATION - II

SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE

Lectures	-	30	Paper	-	1	Sessional Work(Int.)	-	50
Studio	-	-	Duration	-	2 hrs.	Oral (Ext.)	-	-
Total	-	30				Theory	-	50
						Total	-	100

**Note:** Internal marks should be based on tutorials.

- Study of impact of sociology and economics on design of human settlements other human activities.
- Study of impact of religion and culture on house, housing and other human activities.
- Human settlements in ancient medieval modern period in India Europe and other parts of the world. i.e. Dark ages, Gothic, Renaissance, Industrial revolution & modern period.
- Characteristics of human settlements during regimes of Hindu, Muslim and other rules in India. Medieval & Modern period in India.
- Settlement in villages, medium & large towns, metropolitan cities and their characteristics and relationship for Industrial and religious activities etc. Only introduction.

( AR-2-05)

**SUBJECT:- BUILDING CONSTRUCTION AND MATERIAL - II**  
**SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE**

Lectures	-	30	Paper	-	1	Sessional Work(Int.)	-	50
Studio	-	60	Duration	-	3 hrs	Oral (Ext.)	-	100
Total	-	90				Theory	-	100
						Total	-	250

External examination (oral) will be conducted by the university.

**MATERIALS :**

- Stones : Building stones, types of rocks, method of quarrying origin and composition of stones, properties of good stones natural bed, various types of stone dressings defects in stone, stones used in construction, uses in construction, aggregates.
- Lime : Lime ore stone, quarrying and collection composition and physical properties method of burning of lime ore, quick lime, fat lime , hydraulic lime mortar mix, method of preparation, neeru, plaster, efflorescence, peeling, flaking, blistering, use of surkhi, I.S.I. standards, lime wash, uses in construction.

**CONSTRUCTION :**

Types of Arches in bricks, stones construction method & centring for Arch.

Cornices, canopy and porch in brick and stones.

Doors and windows such as ledged, braced, battened, false paneled door, simple glazed and wooden panalled.

Roof : roof layout ridge, hip valley, gable eaves etc. types of simple pitched roof such as lean to couple, close couple and ,collar and, material and details of roof covering such as thatch Mangalore and other patent tiles country tiles and shingles.

**REFERENCE BOOKS:**

ENGG.MATERIALS – K.S.RANGWALA

ENGG.MATERIALS – B.K.AGARWAL

BUILDING.MATERIALS – S.K.DUGGAL

BUILDING CONSTRUCTION TECHNOLOGY –R.CHUDLEY

BUILDING CONSTRUCTION –SUSHIL KUMAR

BUILDING CONSTRUCTION –W.B.MACKAY

BUILDING CONSTRUCTION –BINDRA ARORA

(AR2-06)

**SUBJECT : THEORY OF STRUCTURE –II**

**SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE**

Lectures - 60	Paper -1	Sessional Work(Int.) - 25 *
Studio - ---	Duration - 3Hrs.	Oral (Ext.) - --
Total - 60		Theory - 75 *
		Total - 100

**Note:** The passing in this subject requires min. 40% marks for theory paper, 50% for internal assessment and combined 50% of Total internal and theory paper.

- Analysis of trusses: Definition of perfect, deficient & redundant trusses. Analysis of determinate trusses by method of joints, sections and graphical method.
- Simple Stresses and strains: concept, definitions, units, types of stresses and strains. Stress strain curve, safe stresses, factor of safety, different types of safe stress as per ISI code for different materials like timber, steel. Hook's law, typical stress strain behavior for steel and concrete.
- Elastic constants: modulus of elasticity, Poisson's ratio, modulus of rigidity, bulk modulus, shears modulus and their relations.
- Properties of sections: centre of gravity, moment of inertia, modulus of section, radius of gyration of simple symmetrical and unsymmetrical sections including built up sections.
- Bending Moment & Shear force: concept of shear force and bending moment. BMD & SFD for statically determinate simply supported and cantilever beams subjected to combinations of concentrated, uniformly distributed, uniformly varying loads. Point of contra flexure in simply supported beams with overhang.

**Sessional work:** Minimum Six assignments based on above topics.

**REFERANCE BOOKS:**

- 1 Strength of Materials – R.K. Bansal, Laxmi publications, New Delhi.
- 2 Strength of Materials - R.S. Khurmi, S. Chand & company , New Delhi.

**(AR- 2-07)**  
**SUBJECT:- WORKSHOP – II**  
**SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE**

Lectures	- -	Paper	- -	Sessional Work(Int.)	- 50
Studio	- 45	Duration	- -	Oral (Ext.)	- -
Total	- 45			Theory	- -
				Total	- 50

**OBJECTIVE :**

To develop the ability to appreciate the three dimensional implications of design and to introduce the students to the techniques of model making.

- Introduction of carpentry tools and machines.
- Different types of joints and their function.
- Clay work, brick, cob, wattle and daub, rammed earth Masonry construction- walls, arches and corbel.
- Marking of geometrical forms on the ground.
- Study tours to sources of local building materials and to local building under construction to study their actual use.
- Introduction to modeling with paper, paper board, plastics, plaster of Paris, wood and clay.

**(AR- 2-08)**  
**SUBJECT :- COMMUNICATION SKILL- II**  
**SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE**

Lectures	- 30	Paper	- -	Sessional Work(Int.)	- 50
Studio	- -	Duration	- -	Oral (Ext.)	- -
Total	- 30			Theory	- -
				Total	- 50

**1) Paragraph Writing**

- Techniques of Paragraph Writing

**2) Soft Skills**

- Definition, need & significance
- Types of Soft Skill

**3) Techniques of Professional Correspondence**

- Importance
- Techniques
- Types-Enquiry , Order, Complaint, & Invitation letters with replies
- Application Letters with Resume .

**4) Precis Writing**

- Importance
- Techniques

**5) Presentation Skills**

**(AR- 2-09)**  
**SUBJECT: COMPUTER TECHNOLOGY IN ARCHITECTURE -**  
**II**  
**SYLLABUS FOR SECOND SEM. - ARCHITECTURE DEGREE COURSE**

Lectures	-	15	Paper	-	-	Sessional Work(Int.)	-	50
Studio	-	30	Duration	-	-	Oral (Ext.)	-	-
Total	-	45				Theory	-	-
						Total	-	50

**CAD AND ADVANCED APPLIATION**

Creating and organizing 2-d drawing  
All 2 Dimensional drawing commands.  
All 2 Dimensional edit commands.  
Inquiry commands.  
Setting for drawing  
Concept of layer, line types,  
Dimensions  
Introduction to block and application  
Textd and fonts  
Out put of the drawing through printer or plotters  
Different setting of drawing snap mode etc.  
Hatch its patterns.

Isometric drawing

Minimum one drawing showing plan, ele., section of a project be submitted as sessional work.

## VACATION ASSIGNMENT/STUDY TOUR – I OBJECTIVE

:

To expose students to Artistic skills, Art & architecture.

Vacation Assignment/study tour is to be undertaken after the end of II semester exam and before the commencement of III semester classes. This assignment could be a measured drawing, Sketching and documentation of a noted building or a study tour for visiting places of architectural interest. The choice of the building to be documented and the places to be visited is left to the concerned department. The assignment may be given as group work (4 to 6 students per group).

Note: The students have to submit a report on the sketching, measured drawing or the study tour within 15 days from the beginning of the III Semester.

The reports are to be assessed by the departments for progressive marks.

## EQUIVALANCE WITH OLD SYLLABUS

### SEM. I & II

Old Subject Code	Old Name of the Subject	New Subject Code	New Name of the Subject
AR1-01	Aesthetics & Visual Arts	AR01-01	Aesthetics & Visual Arts - I
AR1-02	Graphics – I	AR02-02	Graphics - I
AR1-03	Architectural Design – I	AR02-03	Architectural Design - I
AR1-04	Human settlement and History of Civilization	AR01-04	Human settlement and History of Civilization - I
AR1-05	Building Technology –I (material)	AR01-05	Building Construction & Material - I
AR1-06	Building Technology –I (Construction)		
AR1-07	Theory of Structure – I	AR01-06	Theory of Structure - I

AR1-08	Workshop – I	AR01-07	Workshop - I
AR1-09	Communication Skill	AR01-08	Communication Skills - I
AR1-10	Computer Technology in Architecture – I	AR01-09	Computer Technology in Architecture - I

