

# TEACHING SCHEME & EXAMINATION 4<sup>th</sup> year B. Arch (ID)

## REVISED SYLLABUS 2011

### FOURTH YEAR SEVENTH SEMESTER

### B. ARCH (ID)

Code	Subject	HOURS / WEEKS					Exam	T.W	Total Marks
		L	S	WS LAB	Viva	Total			
AR-ID-701	Design Studio – V (Comm./off)	-	14	-	-	14	-	600	600
AR-ID-702	Project Management	2	2	-	-	4	50	50	100
AR-ID-703	History of Interior Design	2	-	-	-	2	50	50	100
AR-ID-704	Work Shop – I (Interior Materials)	-	-	4	-	4	-	200	200
AR-ID-705	Special Subjects – I	-	-	3	-	3	-	100	100 *
AR-ID-706	Special Subjects - II	-	-	3	-	3	-	100	100 *
	TOTAL					30			1200

#### AR – 701

### ***DESIGN STUDIO – V (comm./off)***

#### CONTENTS:

- City and its parts, city development, urban renewal/growth, nodes and transportation, etc.
- The student has to become familiarized with city/urban problems and changes. Design of areas/buildings to effect urban change.

#### FOCUS:

Students will deal with a similar area/building with emphasis on interior/signage/graphics etc.

#### AR-ID-702

### ***PROJECT MANAGEMENT***

#### CONTENTS:

- Co-ordination pattern designers, building services experts, art / craft people and specialized service people.
- Methods of estimating, total budgeting taking measurements preparation of schedule of quantities, rate analysis of various items of work, preparation of estimates and specification on brief, principal material requirements and their co-relation to estimates. Schedule of payment to various agencies. Project supervision, responsibility and execution of total work.

AR-ID-703

## ***HISTROY OF INTERIOR DESIGN***

- CONTENTS:**
- History of furniture, various typology of furniture, classic furniture, styles of furniture. Designers' furniture.
  - Knowing and understanding of various styles, systems and products available in market for these functions through history and today's use.
  - Way of analyzing furniture forms and designing furniture forms scientifically based on ergonomics, materials design and working parameters and visual perception of furniture as a single form and as a system in a given Interior space.

**FOCUS:** Explore materials, forms, and techniques for designing furniture for a residence or office environment.

AR-ID- 704

## ***WORK SHOP – I (INTERIOR MATERIALS)***

- CONTENTS:**
- Types of materials -- Clay, Plaster of Paris, Ceramics, Wood, Metal, Glass, Leather, Plastic, Textiles, etc.
  - Their properties, strength, products used in Interiors. Different working surfaces and finishes. Design moulds and dyes. Application in Architecture elements, and in modern Interiors.

**FOCUS:** Introduction to different materials for, constructing and finishing a building or the production of furniture

AR-ID- 705

## ***SPECIAL SUBJECTS – I***

**CONTENTS:** To help student to explore their aptitude and develop skill in any related field no. of subjects shall be offered depending on faculties interest and availability.

Students shall choose any subject from list A

AR-ID- 706

## ***SPECIAL SUBJECTS – II***

**CONTENTS:** To help student to explore their aptitude and develop skill in any related field no. of subjects shall be offered depending on faculties interest and availability.

Students shall choose any subject from list C

**FOURTH YEAR  
EIGHT SEMESTER**

**B. ARCH (ID)**

Code	Subject	HOURS / WEEKS					Exam	T.W	Total Marks
		L	S	WS LAB	Viva	Total			
AR-ID-801	Design Studio – VI (Green)	-	14	-	-	14	-	500	500
AR-802	Arch. Prog. & Research Method (Thesis)	4	-	-	-	4	-	200	200
AR-803	Professional Practice	2	-	-	-	2	50	50	100
AR-ID-804	Interior Landscaping	2	-	-	-	2	50	50	100
AR-ID-805	Work Shop – II (Furniture)	-	-	4	-	4	-	100	100
AR-ID-806	Special Subjects – I	-	-	2	-	2	100	100	100 *
AR-ID-807	Special Subjects - II	-	-	2	-	2	100	100	100 *
	TOTAL					30			1200

**AR –ID- 801**

***DESIGN STUDIO – VI (GREEN)***

**CONTENTS:**

- Design of a building or buildings with the emphasis on sustainability, energy efficiency, green building
- Energy efficient design with adoption of new materials and technologies
- Role of vernacular design ideas and traditional materials and techniques
- Use of recycled materials and services.

**FOCUS:**

Students will deal with a smaller area/building with emphasis on interior with the use of green rated materials/signage/energy efficient lighting with reflective surfaces/graphics etc.

**AR – 802**

***Arch. Prog. & Research Method (Thesis)***

**CONTENTS:**

- Quantifying and qualifying aspects of the programme and methods to determine and represent them. Preparing of area requirements and understanding the urban, historical, ecological and regional contexts.
- Preparation of site layouts for large campus keeping in mind infrastructure, road layouts, analysis of contours.
- Critical analysis of data collected.
- Presentation of the analysis.
- Refining of the report based on the feedback from the guide.

**FOCUS:**

- To understand physical, psychological, cultural dimensions of an architectural project and how to interpret them in an architectural design.
- Research method is intended to enhance the student's capacity to understand, analyse and resolve complex issues related to Architecture and environment. The student is supposed to learn how to express verbally and visually, analysis and synthesis of the data.

**Note:** students may choose a subject on which they will do the thesis in sem IX, so they can do the programming and research on the same subject.

**AR-803**

## ***PROFESSIONAL PRACTICE***

**CONTENTS:**

- Principles of contracts and Agreements.
- Types of contracts with brief theory.
- Tendering procedure up to publication in newspaper.
- Brief theory on writing various specifications, condition of contract for **civil construction and interior design of various buildings.**
- Role of an architect, responsibilities and liabilities with respect to client and society. Duties, powers and functions.
- Architects Act 1972-aims, objectives, and provision for registration.
- Profession: work and scale of professional charges, Mode of working and payments, phasing of the projects etc. (Examples of **civil work and interior work** for considerations of professional fees.)
- Understanding of arbitration, easement, valuation of land and building.

**FOCUS:**

Provision of ready references and Performa, preparation of dummy documents for small-scale design exercises.

**AR-ID- 804**

## ***INTERIOR LANDSCAPING***

**CONTENTS:**

- Types of Natural elements - stones, rocks, pebbles, water forms, plants and vegetation.
- Landscaping design parameters for various types of built forms – Indoor – outdoor linkage to spaces.
- Landscape of courtyards – residential form and commercial forms. Indoor plants and their visual characteristics-color, texture, foliage.
- Science of growing and maintaining greenery. Product survey -- market availability and cost.

**FOCUS:**

Transformation of interior spaces through natural elements of design. – Interior Landscaping.

**AR-ID- 805**

***WORK SHOP – II (FURNITURE)***

**CONTENTS:**

- Built-forms, joinery, uses in furniture forms.
- Identification, Characteristics, Processing, Designs and molding.
- Development of innovative forms and Alternate materials.

**FOCUS:**

Working with materials introduced in seventh semester as a furniture material and finishing materials.

**AR – ID - 806**

***SPECIAL SUBJECTS – I***

**CONTENTS:**

To help student to explore their aptitude and develop skill in any related field no. of subjects shall be offered depending on faculties interest and availability.

Students shall choose any subjects from the list A

**AR – ID - 807**

***SPECIAL SUBJECTS – II***

**CONTENTS:**

To help student to explore their aptitude and develop skill in any related field no. of subjects shall be offered depending on faculties interest and availability.

Students shall choose any subject from list C

**TEACHING SCHEME & EXAMINATION COMMON SYLLABUS FOR 5<sup>TH</sup>  
YEAR B-ARCH, B-ARCH (ID), B-ARCH (BCT)**

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REVISED SYLLABUS 2011

**FIFTH YEAR  
NINETH SEMESTER**

**B. ARCH, B. ARCH (ID), B. ARCH (BCT)**

Code	Subject	HOURS / WEEKS					Exam	T.W	Total Marks
		L	S	WS LAB	Viva	Total			
AR-901	Design Thesis	-	30	-	-	30	-	1200	1200
	TOTAL					30			1200

**AR- 901**

***DESIGN THESIS***

**CONTENTS:** The student is supposed to work under the guidance of internal / external Guide in the areas of public concern & related issues such as Ordering themes / Ideas / Concepts.  
Movement network & circulation.  
Landscaping.  
Perception of spaces  
Psychology & Human behavior.  
**ID:** Emphasis shall be placed on Interior aspect of building design (part/whole) with appropriate details/drawings explaining the interior spaces/design.  
**BCT:** Emphasis shall be placed on Technical aspects of building design with accompany data/details and drawings.

**FOCUS:** The undergraduate design thesis is intended to evaluate the student's capacity to understand, analyze and resolve complex issues related to architecture as well as interior environment.

**EVALUATION:** Presentation of final design with drawings, models and case studies with a report (both in printed and in digital format) to the external Jury and Guide

Note: The Student may be allowed to do the Thesis by way of a Research if recommended By internal/external Guide.

**FIFTH YEAR  
TENTH SEMESTER**

**B. ARCH, B. ARCH (ID), B. ARCH (BCT)**

Code	Subject	HOURS / WEEKS					Exam	T.W	Total Marks
		L	S	WS LAB	Viva	Total			
AR-1001	Office Training Report	-	-	-	-	100 Days	-	600	600
	TOTAL					100 Days			600

**AR-1001**

***OFFICE TRAINING REPORT***

**CONTENTS:** Min 16 weeks of training with a registered Architectural firm.  
Understating of Professional Practice methods in Architectural firm.  
Develop Client contacts to production of documents, tendering drawing, site supervision, coordinating various agencies.

**FOCUS:** Expose the students to Architectural profession to understand the process including conception to execution of project.