Schedule of Teaching and Examination

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Examination Duration: 3 Hours

**Intent**

- To prepare a student to independently handle and present all aspects of an architectural design: from its evolution to final solution in totality;
- To understand the importance of the evolutionary stages of a design process and various techniques required for a successful presentation of an architectural design;
- To develop in students the ability to handle specific aspects of design relevant to the topic.

**Thesis Programme:**

Each student is required to conduct an intensive study and present a design thesis on any of the design topics. The students should submit synopsis for the least three different, design or research oriented topics, to the respective Institution, of which one will be approved to carry on the research and design. Each student shall be attached with a faculty member who will guide his work. The arrangement for the assessment of the progress through the semester for all the students and a ‘Programme schedule’ will be declared separately for each session by the respective Institution.

The work of student should result into a ‘Design Proposal’ based on the complete and detailed study of site including its selection, topography, climate, spatial requirements of the project, special functional and physical needs of the project, and standard data, construction and services and all other factors that the involved with a particular thesis topic.

At least two of the following items, for complete design or an approved part thereof, should be covered in full detail and included in the design and presentation, along with the final design proposal –

1. Structural calculations and design.
2. Detailed estimate and specification.
3. Working drawing and construction details.
4. Proposal for Mechanical services to cover ‘Air-conditioning & Mechanical conveying system.
5. Proposal for Electrical Services & Illumination.
6. Proposal for Water supply and waster disposal services.
8. Proposal for Interior design-including furniture, fitting and finishes.
9. Landscape design proposals in detail.
The design proposal should be prepared and presented with the help of charts, drawings, perspective views, models and other audio-visual aids. A thesis report must also be prepared and submitted in one soft copy (on CD) and three hard copies (one to be returned to the student) type written and bound together with prints and photographs of all the drawing & models. The thesis report should explain the objectives, scope, case studies, literate study-research & data, design concept/ approach, design proposals, construction programming & financing etc.

The thesis report should explain the objectives, scope, case studies, literate study-research & data, design concept/approach, design proposals, construction programming & financing etc.

The original drawings, models and one copy of thesis report will be returned the students in due course of time as decided by the respective Institution.

**Thesis Jury:**

The final assessment of the thesis will be made through a panel of eternal jury, in accordance with the ‘Thesis Evaluation Regulations’ to be issued separately.
Uttarakhand Tech. University, Dehradun
Faculty of Architecture

B. ARCH. (Fifth Year) SEMESTER – X
AR – 1002 PROFESSIONAL PRACTICE – II

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Examination Duration

- 3 Hours

OBJECTIVES

- To acquaint the students with most of the general aspects of valuation and arbitration.
- To familiarize the students with Easement rights and organization of an architect’s office.

CONTENTS:

Valuation: Valuation of immovable properties, elements of valuation and factors affecting valuation; Techniques of valuation of landed and building property; Value classification and types of valuation.

Easement: Introduction to various easements processes, and precautions to protect easement rights.


Office organization & Administration: Professional organization, setting of practice, salaried appointments, public sector, private sector jobs, procedure of operation in government organization.

APPROACH:

- The spectrum of topics will be covered through lectures citing practical examples. Specialist should supplement the courses through extension lectures.
OBJECTIVES

- To acquaint the students about an elementary knowledge of various instruments of law and legislation to safeguard the professional interest.

CONTENTS:

- Law related to slum up gradation: Law of environment

APPROACH:

- The course will be covered through lectures drawings and citing the appropriate case law. Specialist will supplement the course through extension lectures.