

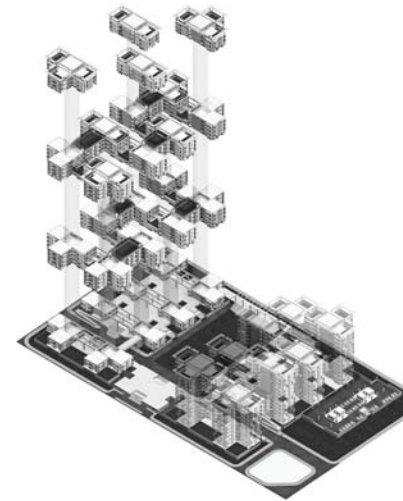
Core Sessional

Exercise of problem-solving processes and skills: Investigation, analysis, synthesis and design; design of Housing and facilities for the community in urban, semi- urban or rural contexts with emphasis to Community participation. Students will expose to issues of sustainable community and urban environment, urban revitalization and conservation; exploration of spiritual, cultural and emotional content in architecture and urban setting.

Study and analysis of landscape elements emphasizing on local plant materials. Application of the principles and techniques of landscape design through design exercises of site planning and area development of different scale. Study of the environmental relationship highlighting Eco-system to attain sustainable landscape development.

**ARCH 404
Design Studio VIII**
8,00 Credits. 12 Hrs/Wk
(Pre req ARCH 402)

**ARCH 414
Landscape Design Studio**
1.50 Credits. 3 Hrs/Wk



**ARCH 426
Digital Communication in
Architecture III**
1.50 Credits. 3 Hrs/Wk

**ARCH 428
Interior Design Studio**
1.50 Credits. 3 Hrs/Wk

**ARCH 416
Professional Training**
3.00 Credits. 6 Hrs/Wk

The intent of this course is to provide students with the opportunity to acquire basic knowledge and skill in the practice of architecture and to familiarize with professional working environment. This would also provide insights into the duties and responsibilities of a practicing architect. The focus areas will include: Project and Office Management, Design and Design Documentation, Construction Documentation and Contract Administration.

The student will work under the direct supervision of an experienced and registered architect (Full member of IAB) of the host firm or an office. Concerned teachers of that course will monitor progress and advice on relevant issues. Students will be required to complete a detailed Professional Training Record Log book for tasks undertaken at the office. At the end of the training period, student will submit the completed and duly signed Professional Training Record Log Book and the Portfolio of their jobs done in the office/firm during training period for evaluation in an oral examination where the student will be expected to demonstrate adequate professional knowledge.

The duration of training will be of 8 weeks (320 working hours); which will commence after the termination of regular Class and to be completed within the given Term time. Students will not be allowed to register in any theory course along with this course in a specific term.

Optional Sessional

Introduction to computer generated animation using widely used 3D animation software to explore forms of architecture and spaces in architecture. Introduction to film making issues as they relate to architectural design and research. Exploring the video as a tool to analyze, survey, evaluation and research. Project exercises on Videography using tools like video and still digital camera, sound recording and input devise, video input devise, video and sound editing software, and output devise.

Preparation of interior design drawings for different types of spaces such as office, studio, bank, restaurant, club and shop. Detailed specifications of finish materials for floor, ceiling and wall. Natural and artificial lighting and ventilation. Fixed and movable furniture, decorative element, upholstery, drapery, art work, interior plantation, fountain.

Core Sessional

Identifying design tasks to specific realistic problems in an assigned setting. The assignment will include all design phases from formulation of architectural programme to preparation of preliminary working drawings. Emphasis will be laid on design quality in terms of formal, functional and structural aspects to attain professional level of achievement, within the given socio- economic context.

Drawing and Specifications relationship. Specification Language, Sections, Paragraphs. Specification of Material – scope, method, method of construction/application, precaution. Market Survey, Cost Analysis, Preparation of Schedule and BOQ. Rules, Regulations, Obligations and Preparation of Tender Document.

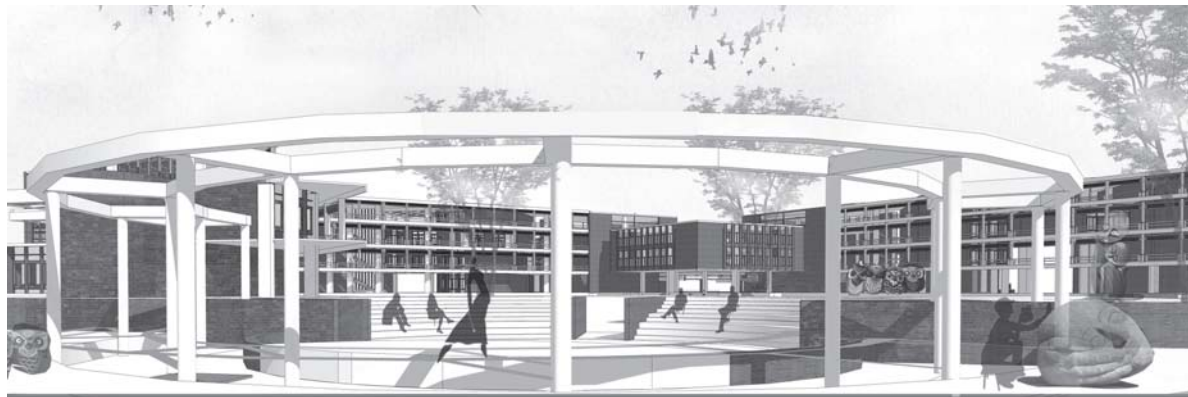
Optional Sessional

Overview of current development in research related to art and architecture. Preparation of research papers including literature search, writing skills and referencing. Verbal and written presentation skills and techniques.

ARCH 502
Design Studio IX
10.00 Credits. 15 Hrs/Wk
(Pre req ARCH 404)

ARCH 512
Specification and Cost Estimate
3.00 Credits. 6 Hrs/Wk

ARCH 522
Seminar
1.50 Credits. 3 Hrs/Wk



HUM 524
Technical Writing and Verbal Communication
1.50 Credits. 3 Hrs/Wk

Reading skills: Skimming, scanning, predicting, inferring; analysis and interpretation of texts; comprehension from literary and non-literary texts.

Writing skills: Current approaches to writing; process and product; different phases in process writing; Techniques of writing; writing paragraph and essay; Report: Types, Structure, preparatory steps to writing reports, elements of style, use of illustrations, writing the report. Listening skills: Listening to recorded texts, learning to take useful notes and answering questions.

Speaking skills: Dialogue in peer work, participation in discussion and debate, extempore speech, narrative events, storytelling. Presentation: Preparing the presentation, performing the presentation.

Core Theory

ARCH 531
Architecture of Contemporary World
2.00 Credits. 2 Hrs/Wk

Post Modern historicist architecture of Ventury, Graves and others in response to crisis of alienation in modern architecture. Late Modern technological exploration of "Hi-Tech" by Foster, Rogers, Piano and others. Influence of Poststructuralist ideas in the avant-garde works of Eisenmann, Gehry, Hadid, Libeskind and others. Rise of self conscious modernism in Indian subcontinent through the works of Mazharul Islam, Doshi, Correa. Redefining contextuality in the regionalism of Fathy, Bawa and Baragan. Unique south asian sensibility in the works of Tange, Ando, Kerry Hill and Ken Yang. Ecological consciousness and issues of sustainability in the works of Glenn Murcutt. Taking architecture to the poor; enhanced participation and hope in the architecture of Grameen Bank.

ARCH 533
Architectural Theory
2.00 Credits. 2 Hrs/Wk

Vitruvius and architectural theory in European Antiquity. Ancient architectural theories in different cultures such as Vastu Shastra, Feng Shui etc. Continuity of Vitruvian tradition in the middle ages and in the Renaissance. New wave of radical architectural theories from French tradition. Theories of modern architecture by Le Corbusier, Adolf Loos, Sigfried Giedion, Walter Gropius and others. Post Modern Historicist, regionalist, utopian and avant gard theories of late twentieth century by Ventury, Norberg-Schulz, Frampton, Rossi, Tchumi, Koolhaas and others.

